Loyola University Bulletin

ARTS AND SCIENCES
Biology • Broadcasting • Chemistry
Computer Science • Dental Hygiene
Drama • Economics • English
Education • Physical Education
Film • French • German
Greek and Latin • History
Journalism • Mathematics
Medical Technology
Physics • Political Science
Philosophy • Psychology
Religious Studies
Russian • Social Work
Sociology • Spanish
Visual Arts

BUSINESS ADMINISTRATION
Accounting • Economics
Finance • General Business
International Business
Management • Marketing
Public Administration

CITY COLLEGE
Business Administration
Liberal or Social Studies
Criminal Justice
Public Administration
Nursing Completion

MUSIC
Instrumental Music • Voice
Piano • Piano Pedagogy
Harpsichord • Organ
Jazz Studies • Vocal Music
Theory and Composition
Music Education
Music Therapy

1979-80 UNDERGRADUATE STUDIES

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ADMISSIONS DEADLINES

Fall Semester: August 1
Spring Semester: January 5

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LOYOLA UNIVERSITY

in New Orleans is a Catholic institution that revolves around the Jesuit tradition of contributing to the liberal education of the whole person.

The university searches for those students
who are not satisfied with the ordinary,
but who thrive on
CHALLENGE.
Our purpose is to provide quality education
for a select group of students.

Loyola University is a Jesuit university founded by the Society of Jesus and chartered on April 15, 1912 with ownership vested in the Loyola community of Jesuit fathers. The university was authorized to grant degrees by The General Assembly of Louisiana for the year 1912.

Today, *Loyola University* in New Orleans still operates under its founding purpose of offering a liberal arts education on the undergraduate level to all who seek knowledge and truth.

Loyola University is accredited by the Southern Association of Colleges and Schools, the major accrediting agency for higher education in this area.

All educational programs and activities are open to all qualified persons without regard to race, color, creed, national origin, or sex in the true spirit of Christian love and charity and the Jesuit commitment to social justice.

Loyola is a medium-size university with a total enrollment of 4,212 students, including 343 graduate and 787 law school students. There are 1,617 students in the College of Arts and Sciences, 637 in the College of Business Administration, 638 in City College, and 190 in the College of Music. Students attending the summer sessions number about 1,750.

The arts and science faculty number 141 giving a faculty-student ratio of 1 to 11.5. Business Administration has 33 faculty with a ratio of 1 to 17, City College has 50 faculty with a ratio of 1 to 13, and music has 45 faculty with a ratio of 1 to 5.

The geographical diversification of Loyola's students is good. Nearly a quarter of the students permanently reside outside Louisiana and represent 46 states,

the District of Columbia, Puerto Rico, and 29 foreign countries. Students also represent a wide range of social and economic backgrounds.

The campus is located in a residential area of New Orleans known as the University Section because Loyola, Tulane University, and St. Mary's Dominican College are located within a few blocks of each other.

Fronting on tree-lined St. Charles Avenue where streetcars are the mode of public transportation, Loyola faces Audubon park directly across the avenue. The 19-acre campus is a collection of beautiful Tudor-Gothic buildings and good modern architecture.

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PROGRAMS OF STUDY

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

Communications (Broadcasting)
Communications (Film)
Communications (Journalism)
Drama
Economics
English
French
German
Greek and Latin
History
Philosophy
Political Science
Psychology
Religious Studies
Russian
Social Work
Sociology
Spanish
Visual Arts

Bachelor of Science

Biology
Chemistry
Computer Science
Dental Hygiene
Education (Elementary)
Education (Secondary)
Education (Physical)
Mathematics
Medical Technology
Physics

Associate of Arts

Associate of Science

Associate of Science in Dental Hygiene

COLLEGE OF BUSINESS ADMINISTRATION

Bachelor of Business Administration

Accounting
Economics
Finance
General Business
International Business
Management
Marketing

Bachelor of Public Administration

Public Administration

Associate of Science in Business Administration

COLLEGE OF MUSIC

Bachelor of Music

Harpsichord
Instrumental
Jazz Studies
Music Therapy
Organ
Piano
Piano Pedagogy
Theory and Composition
Voice

Bachelor of Music Education

Instrumental
Instrumental and Vocal
Piano
Vocal

PRE-PROFESSIONAL PROGRAMS

Pre-Dentistry
Pre-Engineering
Pre-Medicine
Pre-Pharmacy
Pre-Law

CITY COLLEGE (Evening Studies)

Bachelor of Criminal Justice
Bachelor of Liberal Studies
Bachelor of Science
(Nursing Completion)
Bachelor of Social Studies
Associate of Arts
Associate of Science in
Criminal Justice

SCHOOL OF LAW

Juris Doctor

GRADUATE DEGREES OF THE COLLEGES

Master of Arts in Religious Studies
Master of Business Administration
Master of Criminal Justice
Master of Education in Guidance and Counseling
Master of Education in Reading
Master of Education in Administration
Master of Education in Elementary Education
Master of Education in Secondary Education
Master of Education in Educational Media
Master of Music
Master of Music Education
Master of Music in Music Therapy
Master of Pastoral Studies
Master of Religious Education
Master of Science in Biological Sciences

LOYOLA
searches not just for students,
but for young men and women
who have
imagination,
initiative,
intelligence,
and character.

GOALS OF LOYOLA

LOYOLA IS A CATHOLIC INSTITUTION

Loyola, as a Jesuit university, is committed to the belief that Christianity presents a world view which is meaningful in any age. Although the message of Christianity is not wedded to any given philosophy, science, art, or politics, it is still not compatible with every point of view.

The person is central in a Catholic university. Its task is to equip its students to know themselves, their world, their potential, and their Creator. To perform this function properly, it must strive to be one academic community composed of administrators, faculty, and students, both laymen and clerics. This community must be composed in a manner fitting to our pluralistic society and ecumenical age. It can, therefore, be made up of many whose modes of commitment to university aims differ: of those who have dedicated their lives to the Christian faith commitment, of those who live non-Christian faith commitments, and of some who live no formal faith commitment at all. Religious and non-religious, Christian and non-Christian, all will dedicate themselves to the mission of this Catholic university, each in his own way. All will cooperate in the search for truth, either by exploring the inner dynamism of Christianity and its implications for the present or by provoking the quest for truth in others. All are bound together by a common search for knowledge. All are dedicated to the discovery and promulgation of truth.

The community in quest of truth has a reverence for creation, not only the creations of God and the creations of man, but for life itself as a fountain of creativity. Reverence for creation fosters universal concern and dedication. All who are concerned for and dedicated to the truth are welcome in the Loyola community. Only those who condemn the commitments of others who seek the truth will not find a home here.

The Catholic university must foster among its students, its faculty, and the larger community a critical sense. To think critically one must have a place to stand. Criticism must be based upon agreement on basic values and principles. Without this there can be no meaningful disagreement. Loyola stands on its Catholic commitment. Its commitment is not the end of a search, but the beginning of an inquiry into other traditions, other regions, other religions. Loyola seeks to hand down a heritage even as it learns and teaches methods of thinking which will revivify the heritage and breach new frontiers of knowledge.

Because Loyola is committed to the Christian tradition, it should support excellence in theoligical instruction and scholarship as well as recognize the pre-eminent place of theology among the disciplines of higher learning. Catholic teaching should be presented in some structured way to aid the student to form his own world view.

Rapid change is a feature of contemporary life. Education should equip students to meet the rapid developments they will encounter and

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[1] Excerpts from Goals of Loyola University, revised January 1977.

should enable them to make sound judgments as values undergo constant scrutiny. It is the tradition of the Society of Jesus to discern what is good and true in the movements of history. Loyola pledges itself to educate its students to meet change with equanimity, good judgment, and constructive leadership. Innovations in the direction of a more Christian and just structure for society are expected of the Loyola University community, its alumni, and its friends.

Loyola is committed to a serious examination of those conscious and unconscious assumptions of contemporary American civilization that tend to perpetuate societal inequities and institutional injustices. In this endeavor it is particulary concerned with those prevalent economic, judicial, and educational attitudes which are inconsistent with the social teachings of the Church.

LOYOLA EMPHASIZES UNDERGRADUATE EDUCATION

Loyola intends to achieve its goal of integrating the vision of faith with the remainder of human knowledge by concentrating on the education of undergraduate students. The years of undergraduate formation are years in which a student broadens and deepens his convictions. Planning and efforts, therefore, are to be centered on the achievement of excellence in undergraduate education.

Loyola is aware of the need for innovation in undergraduate education. Because of her size and independent status, Loyola is in a unique position to explore new programs and approaches in education. Loyola should experiment with the full realization that lack of change often implies more risk than change itself.

Loyola's spiritual and material resources will be dedicated to the support of graduate programs if they fulfill one or both of the following criteria: (a) they are necessary for strengthening undergraduate programs; (b) they fulfill serious community needs.

LOYOLA IS A COMMUNITY OF SCHOLARS

Loyola aims at developing and maintaining a distinctive community of scholars. The bond of this community is the desire of teachers and students to reach academic excellence in their pursuit, not of knowledge alone, but of truth and Christian wisdom. In such a community, students and faculty are in contact with centuries of accumulated wisdom and should be active in shaping this wisdom for a new day. By reason of their formative life within this community, they should be conscious of the achievements and failures of all of human history, particulary those of their own culture and time. As a result, they should be capable of principled judgment in the face of complexity and ambiguity, and humanely moved or divinely inspired to leave behind them a better world than they found.

Such a mission will best be accomplished in our day by a community drawn from many religious, ethnic, and cultural backgrounds, and through firm, vigorous, and dynamic programs in the arts, humanities, and sciences. It can be accomplished especially well by programs of studies which cross traditional disciplinary lines. Faculty and students are en-

couraged to collaborate in the formation of interdisciplinary curricula and programs.

The university's libraries comprise an essential component in the development of a community of scholars. The expansion and improvement of library resources are major objectives of the university. Therefore Loyola should continue to participate in cooperative efforts among universities designed to reduce unnecessary duplication of library resources and to experiment with innovations such as information retrieval technology.

In sum, Loyola wishes to assist each person in becoming more aware of the problems of the society in which he lives and of his ability to correct these problems. Such a person would have a firm moral conviction to live up to his obligations to himself, to his fellow man, and to God.

THE SHAPE OF THE UNIVERSITY

Loyola is potentially strong in three areas that are in some significant way unique: communications, music, and religion. By achieving excellence in these unique areas and sustaining its strong undergraduate departments, Loyola will be a significant force in higher education.

The university should aim at a gradual and studied increase in size of the student body consistent with maintaining quality programs, close student-faculty contact, and maximum use of existing resources.

Loyola should increase and make more effective her ties with other colleges and universities in the New Orleans area. The New Orleans Consortium is a good example of how such effective bonds can be forged.

There is an obvious relationship between certain fields of study and the institutions and social movements of the modern city, state, and nation. A portion of studies such as business and the social or behavioral sciences should be done off campus with students examining and working in institutions and agencies actually practicing in these fields. Such study can be an academic activity. It should be undertaken as part of regular academic programs because it is directly related to the subjects for which Loyola takes educational responsibility.

An ordered society needs men and women trained in the law and business administration. Loyola has produced and will continue to produce leaders in law, government, and business administration. Because Loyola is committed to the Christian tradition, it should provide the leaders of tomorrow with those values which strengthen our society.

PRIORITIES INVOLVING STUDENTS

Loyola recognizes that value-oriented education must occur in the context of total human development, and is founded upon an appropriate integration of the religious and intellectual development of the student and the education of the whole person. Loyola students should be provided with a foundation of learning experiences which will enable them to develop further their personal values and life goals. For this reason, Loyola expects students to accept responsibility in determining policies, programs, and curricular requirements. The university involves students in the planning of their education and the shaping of their environment,

and encourages student participation in the deliberations of faculty and administration.

Loyola is committed to the development of a culturally and educationally diverse student body and is pledged to representing this diversity in all programs and services which affect student life. One of Loyola's greatest assets is a student body which reflects the cultural diversity of metropolitan New Orleans. Loyola will make every effort to attract a sizeable percentage of students from outside of Louisiana and the Deep South to increase the cultural, intellectual, and demographic diversity of the student body. Special efforts will be made to encourage students to share their differing cultural perspectives in contributing to the campus community and its programs. In order to ensure this diversity and balance in the student body, and maintain the quality of admitted students, the Admissions Office will continue a careful evaluation of every applicant. Based upon this commitment to diversify the student body, Loyola balances ability and need in making its financial awards.

In keeping with Loyola's commitment to educational excellence, she will continue to enrich the student population with outstanding students who will attract other good students and faculty and stimulate all to greater efforts. In support of this goal, special enrichment programs have been established and will be continued and strengthened. Loyola also maintains a strong commitment to the average and the underachieving student and provides programs such as the Special College Orientation for Personalized Education (SCOPE) in order to facilitate their adjustment to the academic environment.

The university recognizes the importance of providing programs to facilitate the integration of the new student into the university community and to encourage the development of harmonious relationships among the diverse elements of the student body. Loyola provides counseling at every level. Academic counseling should be systematically organized and supervised by the deans and faculty members should recognize their counseling responsibilities. Personal counseling, growth opportunities, and support programs to help the student meet the normal problems associated with making the transition from one life stage to another are provided by the Counseling Center. By providing the leadership of professionally trained personnel, programs will continue to be established to facilitate students' continuing personal and social growth, develop the skills necessary to cope with academic demands, and aid in identifying and pursuing purposeful career goals and future aspirations. Personal and spiritual counseling should complement one another. Campus Ministry does play a special role in assisting students to adjust both to university life and to understanding the full scope of a Loyola education. Programs which strengthen the student's social, cultural, and academic environment outside the classroom should be supported. Student activities and co-curricular programs will be expanded which are educational and prepare students for further leadership. Such programs include student government and organizations, prayer groups, organized recreational activities, and the Loyola Community Action Program (LUCAP).

Loyola is cognizant that the student body increasingly includes senior citizens, career persons returning for further education, women preparing to re-enter previous careers, and other students in non-traditional programs. As part of the education at Loyola, it is important that these students be strongly encouraged to participate in campus life, and see the university as able to make a significant contribution to their lives outside regular classroom experiences. Facilities, programs, and services will be developed to support the active participation of such students utilizing professional staff, peer assistance, and community referral.

PRIORITIES INVOLVING CURRICULUM

The university curriculum provides the students, faculty, and administration with a common reference system for the pursuit of academic excellence and scholarship. Loyola is committed to a steady exploration in and experimentation with curriculum design. Curricular reform should be planned and conducted by faculty-student committees working in cooperation with the dean of their college.

So that each undergraduate can achieve a liberalizing education, the curriculum should insure that instruction be given in the traditional areas of the humanities, sciences, and the fine arts, regardless of the major field of study. This common portion of the curriculum reflects Loyola's commitment to participation in the Judeo-Christian intellectual tradition. To achieve this objective, the curriculum must convey a grasp of religious thought and philosophical discourse which frees from ignorance and from mindless conviction and commitment. Each degree program must fulfill all university and college requirements but remain flexible enough to meet the changing needs of the field of study involved. .

Differences in the educational objectives of the undergraduate colleges may result in variations in the extent of their participation in the common curriculum. However, the number of major courses required by each program should not be so great as to produce over-specialization of the student. Periodic reviews of the degree requirements should be conducted.

The development of a high degree of ability in expressing one's ideas both verbally and in writing should form an essential part of each undergraduate's education. Moreover, the student should be encouraged to develop a basic competence in those languages that best complement his own program of study. In keeping with this, Loyola should continue to explore innovations in instruction in both human and machine languages and encourage utilization of presently available technical aids including computer-assisted instruction. Loyola should also explore the possiblity of greater inter-university cooperation and specialization in the areas of language, arts, and computer science.

Because of its intrinsic importance, education in the physical and life sciences has held an important place at Loyola. Loyola will continue to make every effort to inculcate scientific literacy in all of her students. Many patterns of thought in our time are grounded in the methods employed by the sciences. College students should be exposed to the disciplines of the natural sciences. Thus, Loyola will continue to devote suffi-

cient resources to maintain its excellent program of service courses for undergraduates in other fields and will make every effort to recruit talented majors in these programs.

All Loyola disciplines should provide opportunities for study through seminars, honor courses, discussion courses, independent study, research projects, and courses designed by students. Loyola will continue its tradition of close student-faculty contact which has always constituted the basis of quality education.

Welcome
NEW
STUDENTS

ADMISSION

Director: *Office:* 270 Marquette Hall
Associate Director: Suzanne M. Toppino
Admission Offices: Frederick Schwartz, Joseph Gandusa
Director, Minority Admissions: Sterling Cincore

APPLICATION DEADLINES

Qualified applicants may enroll at the beginning of the fall, spring, or summer term.

August 1 for the fall term and January 5 for the spring term are the deadlines for admission as a degree seeking student. Students may be admitted as nondegree or transient students after these dates, Nondegree and transient students are ineligible for certain types of state and federal aid.

ADMISSION POLICY

Admission to the university represents a selection based on the personal and academic records of the applicant. Evaluation by the Committee on Admissions is devised to select a study body with high standards of scholarship, personal character, and serious educational aims, without regard to sex, race, or creed.

Freshman admissions is based on the credentials submitted by a student for the admissions portfolio. National test score, high school transcripts and supporting credentials such as interviews, letters of recommendation, auditions, etc., are evaluated by the committee. The objective of the admissions process is to select the students who may profit from the courses of study and services offered by Loyola University and to maintain the academic standards that have brought recognition to Loyola as a Catholic, Jesuit university. Loyola encourages any student to apply for admission and accepts those students whose credentials indicate a high probability of success. Because of the diversity of high school curricula, cultural influences on test results, the various abilities required in collegiate programs, and the unique background of applicants, each applicant's admissions portfolio is reviewed individually.

Transfer student admissions is based on an evaluation of the college transcript(s), grade point average, and supporting credentials submitted by the applicant.

DEFINITIONS FOR APPLICANTS

Educational Levels

UNDERGRADUATE — Students who have not received a bachelor's degree or any students who have that wish to pursue another bachelor's degree.

GRADUATES — Students who have received a bachelor's degree and are not pursuing another bachelor's degree.

Classifications

DEGREE-SEEKING — Degree-seeking students are those students who wish to pursue a degree at Loyola University.

NONDEGREE-SEEKING — Nondegree-seeking students are those students who wish to enroll at Loyola on a continuing basis but not pursue a degree program. Nondegree-seeking transfer students may be admitted on the basis of an official transcript from the last college attended indicating a C average. Nondegree-seeking freshmen are required to have an official high school transcript or GED test scores and be 22 years of age.

TRANSIENTS — Students who have attended another university and are in good standing or who are 22 years of age and will be attending college for the first time may be admitted as a transient student. Transient students are admitted for one semester. In order to continue their enrollment in the next semester, transient students must apply as a degree or nondegree-seeking student and submit those credentials required by the admissions committee. Transient students must provide, at a minimum, an unofficial college or high school transcript, last grade report, or letter of good standing.

Admit Types

UNDERGRADUATE FRESHMEN — Students who have not enrolled on a college campus as a matriculated student. All freshmen are required to submit the application, general information form, statement of educational objective, the high school transcript, and the results of either the American College Testing Program (ACT), the Scholastic Aptitude Test (SAT), or the General Educational Development Test (GED). Students who have received college credit while still in high school should apply as a freshman.

UNDERGRADUATE TRANSFER STUDENTS — Students who have attended another college or university. Transfer applicants must submit the application for admission, the general information form, the transfer clearance form, and two official transcripts from each institution previously attended, whether or not credit was earned. Students with less than 12 semester hours of credit should apply and follow the directions for freshmen and submit two official college transcripts.

READMITS — Students who have previously enrolled at Loyola in an academic program (does not include continuing education and noncredit courses). Readmits need only complete the application form if they have not attended another institution since their last enrollment at Loyola. Readmits who have attended another institution since their last enrollment at Loyola are required to follow the same procedures as transfer students.

Admission Actions

ADMITTED — The candidate is admitted to the undergraduate program for the term designated on the application.

CONDITIONALLY ADMITTED — The candidate is admitted, but in the admission committee's opinion the student will need special assist-

ance during the first year of study at Loyola. Students, as part of their acceptance may be required to take special courses in mathematics, composition, reading or study skills; a limited number of courses; and/or attend summer session after their senior year of high school.

DEFERRED DECISION — The decision is deferred until additional information is collected on the student. The student will be informed by the admissions office of the information the committee needs to complete the credentials.

REJECTED — The candidate is not accepted into the undergraduate program. This action is taken after the candidate is considered for all other admission actions.

APPLICATION PROCESS

Decisions regarding admissions are made under a policy of rolling admissions. Notification of admission under this plan will be mailed as soon as possible after receipt of all necessary materials. If admission is deferred, the applicant will be considered again. For applicants to the freshmen class, an admission decision will be based upon a six semester high school transcript, ACT or SAT scores, the recommendation by the high school principal or counselor, and rank in one's class. It is the applicant's responsibility to have more recent test scores, if any, and the final high school transcript forwarded to the Office of Admissions.

POLICIES AND REGULATIONS

Students are enrolled at Loyola in accordance with the policies defined in the university bulletins, Student Handbook, and the traditions of the college in effect at that time. Readmitted students are subject to the policies in effect at the time of his readmission. The university reserves the right to clarify and change policy in the course of a student's enrollment.

EXCLUSIONS

Students excluded by a university are ineligible for admission to Loyola depending on the exclusion regulations and recommendations of the excluding university.

FOR ALL APPLICANTS

INTERVIEWS — Although a personal interview is not required, a visit to the campus by the applicant is strongly encouraged. Applicants for the freshmen class and their parents are especially invited to visit the campus. Appointments for interviews should be made in advance with the Office of Admissions.

MEDICAL REQUIREMENTS — A medical release must be sig ed by the applicant or an applicant's parent or guardian, if under 18 years old. Additionally, all applicants and all students being readmitted to Loyola must complete the appropriate forms. All forms should be completed soon after the letter of acceptance is received so that the Student Health Office receives it by August 15. A tuberculin skin test or chest x-ray is required within one year prior to admission. Final acceptance is contingent

upon a satisfactory health report. The university may require additional testing or examination of applicants where it appears in the best interests of the applicant and/or the university. An applicant may be refused admission to Loyola on the recommendation of the university's Health Committee. Students enrolled for less than 12 semester hours are not required to complete the medical reports, but encouraged to do so. Those who do not complete these medical forms cannot be treated by the staff of the health office.

REMEDIAL, EXTENSION AND CORRESPONDENCE CREDIT — Extension and correspondence credit earned at other institutions is not accepted by Loyola as credit toward a degree.

CREDIT BY EXAMINATION

Loyola recognizes that students as a result of study or experience, may possess a mastery of the content of certain college courses. To enable a student to profit from his knowledge, Loyola allows students to receive credit or a waiver of a requirement through departmental or external examination.

Credit by examination is governed by the following regulations:

1. Only registered students are eligible to receive credits.
2. The maximum number of credit hours a student may earn is 30.
3. A student may not receive credit or a waiver of a requirement in a course which the student has attended or enrolled, except during one's first semester when a student is allowed to drop a course because of inaccurate placement. Students who have enrolled in a course as an auditing student may petition for credit by examination.
4. A student may not receive credit by examination for a course that is at a level more elementary than one in which he is currently or previously enrolled.
5. Credits earned by examination do not qualify for veterans benefits nor are they used in determining registered hours.

Departmental Examinations

Students may petition their dean to be examined on the content of a specific course or to have an examination or evaluation of an academic experience related to a specific area. Upon completion of the examination or evaluation, the dean will notify the registrar who shall assess the fee, notify the student and advisor, and if the student has been successful, post the credit or waiver of the requirement. There is a $20 per course equivalent charged for all such petitions which involve a departmental test; otherwise, a $20 per posting fee is charged for credit awarded.

External Examinations

Students may petition the university for credit by external examination by having the scores sent to the Loyola Admissions Office. The dean's office will evaluate all scores based on an approved external examination and notify the registrar of credit to be awarded or waiver of a requirement. Students may check with their dean to ascertain the ap-

proved external examinations and score requirements. There is a $20 posting fee.

Open Seat Program

The Open Seat program allows high school students in the New Orleans area the opportunity to enroll in classes where space is still available after the close of official registration. The program is directed by the assistant dean of the College of Arts and Sciences who is liaison between the student and campus administrative officers, and the student and the high school. Generally, all introductory level courses in the Colleges of Arts and Sciences, Business Administration, and Music are available if space permits after registration. Night courses are not available. Advanced courses may be taken with the permission of the dean and the student's high school principal.

Cost is $25 per course. The student attends all classes, takes all exams, writes all papers, and meets all other requirements for the course in which he is registered. After payment of tuition and completion of the course, official transcripts are issued upon written request.

A student enrolled in high school may, with approval from the principal, register for credit as a high school transient at Loyola. Usually, attendance under this provision is in the summer between the junior and senior years of high school. However, Loyola occasionally allows concurrent enrollment in one of the regular semesters.

EARLY ENTRANCE

Certain students who are recommended by their high school principals and are considered by the Committee on Admissions to be ready for college work may be admitted immediately following the completion of the junior year in high school. This program of admission without high school diploma is intended to serve applicants of unusual promise who will benefit from beginning their college careers a year early. The Committee on Admissions may require additional examinations over and above those normally required for entrance and may make use of any other criteria, such as maturity and motivation, which may seem desirable.

SCOPE

The Special College Orientation for Personalized Education (SCOPE) is a program of special admission and academic support which adds some flexibility to regular admission requirements. Through SCOPE, students who make low scores on the Scholastic Aptitude Test or the American College Test, or those whose academic record does not show their full potential, may qualify for college. The SCOPE student receives tutoring, counseling, and remedial courses to prepare him for regular college studies. Selected students are invited to the campus during the first summer session to participate. Satisfactory completion of the SCOPE Summer Program qualifies the student to enter the freshmen class in the fall semester.

INTERNATIONAL STUDENTS

International students must comply with the basic admission requirements established for freshmen and transfer students. In addition these applicants must satisfy all provisions of the US Immigration Act.

Applicants (including applicants from Puerto Rico) whose primary language is not English must show a proficiency in English adequate for university level study by 1) scoring at least 500 on the Test of English as a Foreign Language (TOEFL) or 2) by a satisfactory score on an examination administered by Loyola's International student advisor. Although applicants from Puerto Rico are not international students, they are required to demonstrate proficiency in English if their primary language is not English. For TOEFL information write directly to Educational Testing Service, Princeton, New Jersey 08540.

Applicants who are otherwise qualified but whose TOEFL score is below 500 should plan on further English study before entering Loyola on a regular basis. Details of offerings in intensive English instruction at Loyola may be obtained by writing to the Office of Admissions.

TUITION, FEES, AND FINANCIAL AID

All regular students are assessed tuition and fees on a semester basis.

These fees and the tuition pay for only about 60 percent of the actual cost of operating Loyola for one year. The other 40 percent is made up with funds raised by the Annual Support Program from alumni, friends, faculty and staff, WWL-AM-FM-TV employees, foundations, and corporations; revenues from WWL; and a small university endowment.

Applicants for admission to Loyola and students who need assistance in paying for their education are encouraged to apply for financial aid. Applications for financial aid are included in the application packet. Additional forms may be obtained from the financial aid office.

TUITION AND FEES

Because of the uncertainty of the economy and budgetary projections, Loyola University reserves the right to change tuition, fees, or other charges printed herein. The rates for 1978-79 are listed below.

TUITION

A&S, BA, Music Undergraduates	
Full-time (12-20 sem. hrs.)	$1,125.00 per sem.
Part-time (11 sem. hrs. or less)	70.00 per sem. hr.
Each hour over 20 (except College of Music)	70.00 per sem. hr.
Summer Session	58.00 per sem. hr.
City College	52.00 per sem. hr.

FEES

For Beginning Students	
Application fee-undergraduates (not refundable)	$ 15.00
Acceptance deposit (applicable to tuition but not refundable)	100.00
For All Students	
University Center fee	
Full-time students	22.50 per sem.
Part-time students	17.50 per sem.
Summer Session	5.00 per session
Student Government Association fee	
Full-time students	7.50 fall sem.
Part-time students	3.75 fall sem.
Contingent fees	
Late registration	20.00
Late payment	20.00
Add/Drop a course	5.00 per course

Student teaching fee (part-time students only)	100.00 per sem.
Transcript	2.00[1]
Credit by examination	15.00
Student Health Insurance (cost varies)	61.00 per yr.
Yearbook	12.00
Library book not returned	13.00 minimum
Cap and gown rental (cost varies)	9.00

Students are encouraged to make payments by check or money order made payable to Loyola University. Cash transactions are discouraged. A charge of $5 will be assessed for each check returned from the bank.

TUITION REMISSIONS

FAMILY DISCOUNT — A remission of $100 per full-time student for two or more dependents of the same parents is allowed during the fall and spring semesters. No remission of tuition is allowed during the summer.

TEACHER DISCOUNTS — A remission of 20 percent of the tuition is allowed to full-time New Orleans area teachers from accredited elementary and secondary schools. To apply, a letter from the principal of the school written on official school stationary must be submitted to the Office of Scholarships and Financial Aid. This letter must give the applicant's name, social security number, teaching or specialty area, and state that the applicant is a full-time teacher for the academic year for which the tuition remission is being sought. A remission of 40 percent of tuition is allowed to full-time teachers enrolled in education degree programs.

REFLECTIVE AGE — A remission of 100 percent of tuition is allowed to all students who are 62 years or older. The remission does not apply to normal student fees.

OPEN SEAT — High school students admitted through the Open Seat program are given a remission of 85 percent of their tuition charge. More information is provided in the chapter titled *Admissions*.

RESIDENCE HALLS

Charges for room and board are due on a semester basis. Room rent is billed along with tuition and fees. The housing contracts are for both fall and spring semesters. Board is paid separately. Proof of personal sickness and accident insurance coverage or participation in university sponsored plan is required as a condition of residency in university housing.

Room Rates

The following are room rates in effect for the 1978-79 academic year. An increase is expected for 1979-80.

	Double Room	*Single Room*
Biever Hall (Men & Graduate Women)	$419 per sem.	$528 per sem.
Buddig Hall (Women)	$444 per sem.	$611 per sem.

[1] If more than one transcript is requested at a given time, the cost for each additional transcript will be only $1.00.

Room Guarantee deposit (not refundable but applicable to room rent)[1] $50

Biever. Residence Council fee ..... $ 3.00 per sem.
Buddig Residence Council fee ..... $ 5.00 per sem.

Rates apply to the academic semester only. The Christmas holiday period and between semesters are not included in the room charges. The university may utilize rooms in the residence halls to house conference groups during holiday periods.

Information on accommodations and on reservations is provided in the chapter titled *Student Life.*

Meal Plans (Board)

Loyola's meal program is voluntary. Those who want the program may contract on a semester basis for one of four meal plans. For information on the meal program write Saga Food Service, Loyola University, 6363 St. Charles Ave., New Orleans, La. 70118 or phone 865-2127.

10 meals per week ..... $369 per sem.
14 meals per week ..... $391 per sem.
19 meals per week ..... $412 per sem.
Cash Coupon Plan ..... $200 per book

Because the board program is voluntary, students are not billed for it as is the case for tuition, fees, and room charges. Checks or money orders for one of the four meal plans must be made payable to Loyola University but given directly to Saga Food Service, who manages the program for Loyola. Payments may be mailed to Saga Food Service prior to registration or may be given to the food service company during the registration period. Cash Coupon Plan cards may be purchased at registration or during the semester.

The above rates for meals are based upon costs for the 1978-79 academic year. Because of the uncertainty of the economy and budgetary projections, Loyola reserves the right to increase charges printed above.

BILLING AND PAYMENT POLICY

Students are mailed a bill for the tuition, fees, and room charges. New freshmen students and all others who have not preregistered are mailed a bill soon after registering. Returning students who have preregistered receive a bill prior to registration.

Full payment must be received by the student finance office no later than 30 days after school begins. Students paying after this date will incur a late payment fee. If a bill is not received within three weeks, or if an adjustment should be made to the bill, the student should contact the student finance office so that payment can be made by the 30 day deadline. Subsequent failure to pay in full will result in the assessment of additional penalty fees at the university's discretion. Students who have not

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[1] This deposit is credited to the student's room charge. It is not refundable if the student cancels the housing request.

satisfied all financial obligations have not officially completed registration and are subject to dismissal. Students whose checks are returned NSF also are subject to dismissal.

Loyola will withhold statements of honorable dismissal, grade reports, transcripts, the diploma, and all other reports or materials until all indebtedness to the university has been discharged or until satisfactory arrangements have been made with the Vice President for Business and Finance. No one will be allowed to enroll for subsequent semesters as long as prior financial indebtedness has not been satisfied.

MONTHLY PAYMENTS

Although Loyola has no monthly payment plan of its own, students may subscribe to one of two plans offered by outside companies.

The first plan is a deferred payment, revolving credit plan whereby the parent or student contracts with Tuition Plans, Inc. to finance all or a part of the annual expenses and repay the amount borrowed on a 12 month basis.

The second plan is a prepaid plan which enables the parent or student to budget payment of required charges before the school year begins. Payments begin five months prior to fall registration and continue for ten months. This plan is offered by Educational Funds, Inc.

Descriptive literature concerning these plans will be sent upon request to the student finance office.

REFUND POLICY

TUITION — Full-time students who withdraw from the university or drop to part-time status, or part-time students who drop a course(s) are entitled to a refund of all or a percentage of their tuition. Students who withdraw must return a completed withdrawal form to the Office of the Student Records. Mere cessation of attendance does not constitute withdrawal. The date of receipt of the withdrawal notice by the Registrar will determine the amount of tuition refund. Refunds are a percentage of the tuition payable in the semester in which the student withdraws, not a percentage of the total amount billed. Only tuition is refundable. No refunds are made when a student is suspended or dismissed for academic, disciplinary, or financial reasons. Tuition refunds are made on the following basis:

1. If formal notice is received within one week after the beginning of the semester a refund of 100 percent of tuition is made.
2. If formal notice is received within three weeks after the beginning of the semester a refund of 75 percent of tuition is made.
3. If formal notice is received within five weeks after the beginning of the semester a refund of 50 percent of tuition is made.
4. If formal notice is received within seven weeks after the beginning of the semester a refund of 25 percent of tuition is made.
5. No refunds are allowed after the seventh week of classes.

Students forced to withdraw for medical reasons will be given a full tuition refund. A physician's certificate must be presented to the student finance office.

ROOM — Students who withdraw from the university for any reason are not entitled to any refund on the cost of their room.

MEALS — Students may receive a refund on the meal plan, prorated to the date of withdrawal. These refunds must be approved by the university food service.

FINANCIAL AID

The Office of Scholarships and Financial Aid provides information for and administers all aid programs on campus.

Loyola's scholarship and financial aid policy is to furnish recognition to the superior student and necessary assistance to the needy. The university attempts at all times to match ability with need. In all instances where need is indicated, Loyola will use all resources available to provide sufficient funds to allow the student to attend Loyola. In instances where there is little or no need demonstrated, Loyola attempts to reward academic achievement with appropriate scholarship awards.

KINDS OF FINANCIAL AID

There are four kinds of financial aid at Loyola as at most colleges and universities. They are 1) scholarships, 2) grants, 3) loans, and 4) jobs. Let's take a look at each.

SCHOLARSHIPS are for superior students and are given for academic ability. All undergraduate students are eligible for scholarships. The amount of money a scholarship pays varies greatly and may range from $500 to $1,500 annually.

GRANTS are similar to scholarships. But they differ in that grants are awarded to students based mainly on substantial financial need. Academic ability is only a minor consideration in awarding grants. Like scholarships, all undergraduate students are eligible for grants regardless of the area of study. Money for grants come from federal, state, and institutional sources and may range from a low of $200 to $1,800 annually. The amount depends upon one's need for assistance. The greater the need the greater the opportunity for a grant.

LOANS differ greatly from scholarships and grants and mean just what the name implies. It is money that is *loaned* to a student and must be paid back. Repayment begins nine months after one leaves school. Approval of loans are based solely upon a student's need. Academic ability is only a minor consideration.

There are three kinds of loans.

The first is a campus-based federal loan. This loan program is administered on campus by the university. It can provide up to $1,200 per year. Interest on this loan is three percent. In some cases full repayment of the loan may be reduced through teaching.

The second is a federally insured loan handled through a bank. Upon the recommendation of a financial aid officer, a student selects a bank of his choice in which to apply for the loan. Because repayment of the loan is guaranteed by the federal government, it is easily available. It can provide up to $2,500 per year. Interest on this loan is seven percent.

The third is a state guaranteed loan. Such loans are available in most states, Louisiana included. The major restriction on state guaranteed loans is that the student must be a resident of the state which has a loan program. But a student may attend school in any state he desires. In Louisiana a student may borrow up to $1500 per year. Interest is seven percent.

All loans accrue interest and must be repaid. In the case of all of the three kinds of loans explained above, the government pays the interest accrued while the student is in school and for a period of nine months immediately after he leaves school. Payments on the principal and interest begin in the tenth month after a student graduates or ceases to be enrolled in school at least half time (six semester hours). Except for hardship cases, the minimum payment is $30 per month with a ten year repayment period.

Family income is not a factor in qualifying for an interest-subsidized federal insured or state guaranteed loan.

JOBS are self explanatory. There are two kinds of jobs.

The first is the federally funded work-study program. Students are selected for work based solely upon need and work either 7½ or 15 hours per week on campus doing office or library work, research, or assisting professors.

The second is university funded student assistantships. Need is not always a factor in selection of students for work in this program.

Additional or more specific information on financial aid opportunities can be obtained on request from the scholarship and financial aid office.

MAKING APPLICATION

An application for financial aid is part of the application packet. Complete the application for admission first. Then complete the application for financial aid. Be careful as submission of inaccurate or false information will result in loss of all financial aid opportunities. A copy of the federal income tax return is required. Once submitted, the application for financial aid cannot be returned, but will be held in the strictest of confidence. Send scholarship and financial aid applications and supporting documentation to the Office of Scholarships and Financial Aid. Preference is given to those who apply before April 1.

An official response on your financial aid application is dependent upon the action taken on the application for admission. For this reason it is important to apply early and follow through in getting your back-up admission materials in. Loyola can supply you with an admissions decision soon after you apply and get all admission materials in.

When accepted, action is taken on your financial aid application. You can expect a response on your financial aid application within two weeks after you are accepted.

WHAT AID DOES ONE APPLY FOR?

There is no need to apply for any specific kind of scholarship or financial aid. In fact, application for a specific kind of assistance is discouraged with three exceptions. They are 1) Basic Educational Opportunity Grants, 2) music scholarships, and 3) ROTC scholarships.

For the Basic Educational Opportunity Grant, application must be made to the federal agency directly. High school students may get information on this from their high school counselor or from the Loyola Financial Aid Office.

Scholarships in music are awarded directly by the College of Music. These scholarships are given for ability, need, and talent. Application should be made directly to the dean of the College of Music.

ROTC scholarships provide for tuition, fees, books, and other required expenses, except room and board. For details consult the index under *ROTC Scholarships* for the page where such scholarships are described.

The financial aid officer is knowledgable by training and experience to give applicants the best and most assitance possible. Oftentimes this will include a combination of the four different kinds of financial aid — scholarships, grants, loans, and jobs. A typical financial aid package is made up of two, three, and, all four kinds. Thus, it should be obvious that the financial aid officer is the best person for putting together an often complex, multi-assistance financial aid package.

HOW MUCH CAN ONE EXPECT?

How much one receives depends upon what a person's need is. Need is the difference between what the student and the family can reasonably be expected to pay and the cost of education. Loyola bases the student/family contribution upon information on the financial aid application and the copy of the tax return supplied with the application.

ACADEMIC REGULATIONS

In the spring of 1979, Loyola implemented a new comprehensive computer based student record system. As a result, many procedures and policies changed. Students who attended Loyola both prior to and after the spring of 1979 will have two transcripts that will have different appearances and form but will remain indentical in content. At the same time, a new course numbering system was implemented. For this reason, two course numbers will appear in the university's bulletins for 1979-80.

KNOWLEDGE OF REGULATIONS

Students are responsible for compliance with the regulations of the university and should familiarize themselves with the provisions of this bulletin distributed by the Office of Admissions, the *Student Handbook* distributed by the Office of Student Affairs, posted official notices, and official instructions given to students.

At registration, it is understood that both the student and the student's parents or guardians agree that the student will be governed by the university regulations and will abide by decisions made by proper authorities of the university regarding the individual student.

FACULTY ADVISING

All students are advised by faculty members. Faculty are usually assigned to advise students who have indicated an interest in their particular field of specialization. The names of assigned faculty advisors may be obtained from the office of the dean of one's college.

Faculty advisors are available to students throughout the academic year, but their role is especially important during the preregistration, orientation, and regular registration periods. Advisors will help students plan their program, explore career alternatives, and aid in any academic or personal problems. Faculty advisors will also ensure that the undergraduate academic experience is as valuable as possible by assisting students in the sequencing of their course work. Students should be aware, however, that knowledge of and adherence to regulations of Loyola, both academic and otherwise, are the ultimate responsibility of the student.

ATTENDANCE

Each instructor must announce at the beginning of the semester how attendance in his class will affect his grading. Specifically, the instructor may judge that attendance in class is imperative and demand adherence to the policy that a student is liable to receive an F at the discretion of the instructor if he misses 15 percent of his classes.

Freshmen, probationary students, and City College students are liable to receive a failing grade if they miss more than 15 percent of their classes for any one course.

PREREGISTRATION

Loyola students enrolled in one term may preregister for the next term. New students, transient students, and students who have completed a degree program in a given term are not eligible for preregistration. Preregistration is usually held in April and November. Approximately 80 percent of the students who preregister receive every course requested. Requests for courses are processed on a first-come, first-serve basis within classifications; therefore, all seniors receive the highest priority with nondegree-seeking students following freshmen in the order of preference. Students who preregister are required to confirm their registration. As a result, these students are billed for tuition and fees. Students who fail to confirm their registration are not billed and their registrations are cancelled. Students with unpaid financial obligations to the university may not preregister until such obligations have been satisfied.

REGISTRATION

All those newly admitted to the university should attend registration at the scheduled hours during their authorized admit term. Degree and nondegree-seeking students in the preceding term (excluding summer) should register if they did not preregister. Students who preregistered may drop or add at registration. Those admitted as transient students must complete their credentials during the term of their first admission and thus must be readmitted as a nondegree-seeking student or a degree-seeking student in order to continue their enrollment in the next term. Students with unpaid financial obligations to the university may not register until such obligations have been satisfied.

LATE REGISTRATION

Late registration is normally the first two working days after registration. A late registration fee is assessed to cover the additional administrative costs and, at the discretion of the student finance office, a student may be required to pay the tuition in full. Students with unpaid financial obligations with the university may not register until such obligations have been satisfied.

DROP/ADD PERIOD

For five working days following the last day of registration, students are permitted to drop and add courses. A $5 per transaction drop/add fee is charged to cover the administrative costs so that the financial burden of this option will not have to be passed on to the student population at large. Because of external and internal reportings on enrollments, deadlines for drop/add activity must be strictly enforced.

WITHDRAWAL FROM COURSES

Up to one week following the mid-term period, students may receive an administrative withdrawal from a course. There is a $10 fee for each withdrawal which is processed at the published refund schedule. Stu-

dents receive a W in the course and the transaction requires advisor's and/or dean's permission.

After this administrative withdrawal period, students must petition their faculty members to withdraw. Based on the student's petition, a faculty member may award a W, WP, WF, UW, or require the student to complete the course. The decision of the faculty member is recorded on the final grade roster.

GRADING

Each instructor has the option of using a grading method within each course that best meets the needs of students and the subject. However, all grades are translated by instructors into the following grades:

- **A** Excellent. This grade is assigned 4 quality points per semester hour.
- **B+** Good. This grade is assigned 3.5 quality points per semester hour.
- **B** Good. This grade is assigned 3 quality points per semester hour.
- **C+** Average. This grade is assigned 2.5 quality points per semester hour.
- **C** Average. This grade is assigned 2 quality points per semester hour.
- **D+** Minimally Passing. This grade is assigned 1.5 quality points per semester hour.
- **D** Minimally Passing. This grade is assigned 1 quality point per semester hour.
- **F** Failure. No quality points are assigned.
- **I** Incomplete. This grade is to be assigned only when the instructor has been presented with serious and compelling reasons why the student should be allowed to complete the course at a later date. These reasons are customarily medical. The I grade is not an automatic extension. An I grade must be made up by the end of the term following the term in which it was incurred.
- **P** Pass. In addition to work graded by letters, the university offers a pass-fail provision for University Fellows. Grades of P are not counted toward quality point averages.
- **UW** Unauthorized Withdrawal. Indicates that the student did not officially withdraw from the course.
- **WP** Withdrawal Passing. Indicates that the student withdrew while passing the course.
- **WF** Withdrawal Failing. Indicates that the student withdrew while failing the course. No quality points are earned.
- **W** Withdrawal. Indicates that the student withdrew and his or her grade standing is unreported.
- **AU** Audit.
- **AI** Audit Incomplete.
- **IP** In Progress. (To be awarded only with the registrar's permission in courses that span more than one term.)

The use of certain other administrative notations on student grade reports are explained in those reports. Averages are computed only on the basis of letter grades A through F and WF.

SPECIAL REGISTRATION

Registration for the audit grading option may be selected by students during registration or the drop/add period and may not be changed at a later date.

Some courses have been designated by the Committee on Courses and Curriculum as pass/fail courses only. All students enrolled in these courses are eligible only for a pass/fail grade. Students who are University Fellows may register for courses under the pass/fail option. This must be done during registration or the drop/add period and may be changed at a later date.

GRADE POINT AVERAGE

A student's grade point average is based on the credit hours, grading method, and grade awarded. The following definitions apply:

CREDIT HOURS are the units associated with each course. Each degree program requires that a student acquire a specific number of credit hours. Typically, a three credit-hour course meets for a total of 150 minutes a week.

QUALITY HOURS are the units upon which a student's grade point average is calculated. Quality hours differ from credit hours because the former excludes pass/fail, non-graded courses, etc.

GRADE POINT AVERAGE is the quality hours times the numerical value of the grade awarded. A student's grade point average is based solely on Loyola course work. Grades associated with transfer course work are not applied to Loyola's grade point average.

TOTAL EARNED HOURS is the credit hours earned at Loyola plus the hours awarded by Loyola for course work taken at other universities.

GRADE REPORTS

A report of the grades made by a student in his scheduled subjects is sent to the student at the end of each semester. Grade reports may not be sent to parents or guardians unless the student certifies that he is claimed as a dependent for federal income tax purposes. This certification must be made each semester at the time of registration.

CHANGE OF GRADE

An instructor may change a grade previously assigned by processing an official change of grade form in the Registrar's Office. The instructor must request the grade change form, cite the reason for doing so, and obtain the approval of the dean under whose jurisdiction the course was offered. This privilege is available to all instructors for one semester after the assignment of the grade. After one semester has elapsed, the petition to change the grade must be referred to the Admissions Standards and Policies Committee for approval along with a full written explanation of the reasons for such action.

REPETITION OF COURSES

To repeat a course, students must have the approval of their advisors, dean, and the registrar. Both grades are used to compute the cumulative grade point average but only the earned hours from the original course is used in the calculation of Loyola cumulative earned hours. Courses that may be taken more than once as opposed to "repeated" courses *(Independent Study, Play Production, etc.)* will carry this notation in the course description. Transcripts will carry a notation identifying all repeated courses.

Except in very special cases, students should be discouraged from repeating courses. Loyola's policy is to show both grades in repeated courses and the student receives no additional credit hours towards graduation. To determine academic standing both grades and quality points are included. Therefore, in most cases if the student has passed the course, even with a D, there is no real advantage — grade-wise — in repeating the course.

AREA OF CONCENTRATION

Students may indicate an interest in a program of study during the initial admission process which enables the student to be properly advised concerning a course of study. During the second semester of the sophomore year or upon completion of 63 semester hours, each student must declare an area of concentration and shall, in the appropriate office of the dean, petition for acceptance into the chosen area of concentration. Students who transfer into the university with junior or senior status should declare an area of concentration at the end of their first semester at Loyola.

The college and department so petitioned, based upon college policy requirements for admission to a degree program, will notify the student of their decision. Those admitted shall possess minimum qualifications of a cumulative grade point average of 2.0 and demonstrate sufficient promise in the elected area of concentration as specified by the college or department. On the condition that students have taken appropriate prerequisites and requirements in their previous work, Loyola offers to all students enrolled in an area of concentration the courses necessary for the completion of the program in a two-year period.

CHANGE OF COLLEGE AND/OR CONCENTRATION

Students may petition to change college or concentration by completing the appropriate form and submitting the form to the dean's office for changes of concentration and the registrar's office for changes of college. The petition may be made at registration and preregistration and takes effect in the next term.

CLASSIFICATION

TRANSIENT STUDENTS are admitted for one term without official credentials. Those who enroll as transient students must apply for admission as nondegree-seeking students or as degree-seeking students and

submit official credentials, if they wish to continue their enrollment. Transient students are not eligible to preregister. Course work taken while a transient student is subject to evaluation in terms of applicability to a degree. There are limitations on financial aid available to transient students.

NONDEGREE-SEEKING STUDENTS are admitted with official credentials but do not pursue a particular degree program. Students admitted as nondegree-seeking must enroll in consecutive terms or apply for a leave of absence in order to maintain their status. Failure to follow these procedures will require readmission. Course work taken while a nondegree-seeking student is subject to evaluation in terms of applicability toward a degree. There are limitations on financial aid available to nondegree-seeking students.

DEGREE-SEEKING STUDENTS are admitted to a degree program. Degree-seeking students are classified as follows:

Freshmen — 0-24 total earned hours
Sophomores — 25-55 total earned hours
Juniors — 56-89 total earned hours
Seniors — 90 or more total earned hours

Failure to attend any term without applying for a leave of absence requires readmission to the university.

Students admitted and enrolled as a transient or nondegree-seeking student may not change their classification until the next term and then, only by reapplying for admission.

FULL-TIME/PART-TIME STATUS

Full-Time — any student enrolled for 12 or more credit hours.
Part-Time — any student enrolled for 11 or fewer credit hours.

ACADEMIC STANDING

A students' academic standing is computed only on the basis of work attempted as a registered student at Loyola, or under the auspices of its special programs and/or the New Orleans Consortium.

Dean's Honor List standing — a student whose semester average is 3.5 or better and completed a full-time load of courses with no I grades.

Good standing — a student whose Loyola cumulative average is 2.0 or greater, except for first semester freshmen whose average must be 1.7.

Probationary standing — first term freshmen will be put on academic probation if their semester average is lower than 1.7. For every semester after the first a student will be placed on probation if his Loyola cumulative average is lower than 2.0. A student on probation must register for at least 12 and no more than 16 hours. The deans evaluate each probationary student individually. However, only in unusual cases will a student be allowed to remain on probation for more than one semester.

LEAVE OF ABSENCE

Students enrolled in one term may apply to their dean for a leave of absence either for the next term or academic year. Students returning from a leave of absence are subject to the policies of the most current bulletin.

ATTENDANCE AT OTHER COLLEGES

With the approval of the student's dean, Loyola students may enroll at other colleges. A dean may give written permission to take courses at other colleges, thus assuring the student that the courses will be applied toward the student's current program. An official copy of the transcript from the other college must be submitted to the registrar's office prior to the completion of Loyola's next term or the course will be subject to the provisions of evaluation of transfer course work.

GRADUATION AND COMMENCEMENT

Loyola confers degrees in January, May, and August. University commencement exercises are held in May and August. Students whose degrees are conferred in August and January are eligible to participate in the May commencement.

DEGREES

The diploma given to students upon graduation carries the university information, student's name, university distinctions, and degree title.

ELIGIBILITY FOR GRADUATION

Students must meet the specific requirements of their degree programs as set forth in this bulletin. The university, through the deans, may authorize changes and exceptions where it finds them desirable and consistent with the continuous and orderly review of its policies.

To be eligible for graduation, students must have fulfilled their specific degree or program requirements, college requirements, must have both a 2.0 career cumulative and a 2.0 Loyola cumulative grade point average, and must have discharged their financial obligations to the university.

In the first part of the academic year in which a student expects to graduate, he must file for candidacy with the registrar. Every student must participate in the undergraduate assessment program of the ETS, or its equivalent, if tests are available in his field. All exceptions must be approved by the vice president for academic affairs.

RESIDENCE

A minimum of 32 semester hours must be completed while registered in Loyola. Unless special permission is granted by the dean to pursue work elsewhere, the work of the senior or final year must be completed at Loyola. This requirement applies to students who entered as freshmen and to students transferring from other institutions.

GRADUATION HONORS

Graduation honors are determined on the basis of both a student's higher education career and Loyola cumulative grade point average.

A student who has made a cumulative average of 3.5 graduates *cum laude,* one who has made an average of 3.7, *magna cum laude;* one who has made an average of 3.9, *summa cum laude.* Record of these honors is inscribed on the diplomas and noted in the list of graduates published for the commencement exercises.

SPECIAL EVALUATION

Applicants with more than 24 hours attempted, who have less than a C (2.0) grade point average and who have not been enrolled at any college or university for at least two calendar years may petition for a special evaluation. It is necessary that they receive the written permission of the dean of the college they wish to enter as well as the approval of the direc-

tor of admissions. In effect, the special evaluation eliminates all courses in which grades of D or F were received. Courses in which the student received a C or better are calculated into hours earned *only*. Thus, this student enters Loyola with no grade point average.

Students receiving a special evaluation may not qualify for certain kinds of financial aid.

WITHDRAWAL FROM THE UNIVERSITY

A student who withdraws from the university during a semester before taking the final examinations of the semester forfeits all credit for work done in that semester.

To withdraw officially from the university a student must:

1. Obtain withdrawal forms from the Office of the Registrar.
2. Obtain signatures of the designated officials on withdrawal forms. These forms will not be signed until the student has cleared all financial obligations to the university.
3. Resident students must officially withdraw by obtaining clearance through the housing office.

Withdrawal is not complete or official until all signatures have been obtained and forms are returned to the Office of the Registrar.

Those students who withdraw officially from the university *prior* to the last day for dropping courses as recorded in the academic calendar, will not have grades recorded in those courses for which they were registered at the time of withdrawal.

Students desiring to resign must complete the official withdrawal form before the termination of the semester. Students who do not complete official withdrawal are liable for grades of UW, F, W, WP, or WF.

ACADEMIC DISMISSAL OR SUSPENSION

Although dismissal and suspension are usually a function of the student's inability to remove himself from academic probation, all decisions regarding dismissal are made on an individual basis. The university, through duly constituted judicial bodies, or through the deans, has the authority to dismiss or suspend a student whose conduct, attitude, or performance is in serious opposition to the aim of the university or to the spiritual, moral, or intellectual welfare of the university community. Suspended students may petition for readmission no earlier than one term after their suspension. Dismissed students may petition for readmission no earlier than two terms after their dismissal.

INTEGRITY OF SCHOLARSHIP AND GRADES

The principles of truth and honesty are recognized as fundamental to a community of teachers and scholars. The university expects that both faculty and students will follow these principles and in so doing, protect the validity of the university grades. This means that all academic work will be done by the student to whom it is assigned, without unauthorized data of any kind. Instructors will exercise care in the planning

and supervision of academic work so that honest effort will be positively encouraged.

POLICY ON RELEASE OF INFORMATION

Loyola makes every endeavor to keep the student's educational records confidential and out of the hands of those who would use them for other than legitimate purposes. All members of the faculty, administration and clerical staff respects confidential information about students which they acquire in the course of their work. At the same time, Loyola tries to be flexible enough in its policies not to hinder the student, the institution, or the community in their legitimate pursuits.

Documents submitted by or for the student in support of his application for admission or for transfer credit are not returned to the student, nor sent elsewhere at his request. In exceptional cases, however, where another transcript is unobtainable, copies may be prepared and released to prevent hardship to the student. The student should present a signed request. Usually the copy, marked as a certified copy of what is in the student's file, is released.

The complete policy on the release of student information is printed in the *Student Handbook*.

TRANSCRIPTS/COUNSELOR'S REPORTS

Loyola may distribute only its own transcripts, not the records of testing services or other universities. Students may have three records at Loyola which comprise the official transcript: undergraduate, graduate, and law. Upon a student's request, all official transcripts are sent by the registrar's office to others. Unofficial transcripts marked, "Official Transcript Issued to the Student", are given by the registrar's office to students. In accordance with recommendations of the American Association of College Registrars and Admissions Officers, official transcripts issued to students should not be treated as an official academic credential. Transcripts, as opposed to degrees, carry notations identifying concentrations. Probation, extended probation, academic suspension, and academic dismissal are indicated on the transcript for students placed in this status.

The Office of Career Planning and Placement issues copies of Loyola Counselor's Reports as part of its placement portfolio. This advising form should not be treated as an official transcript.

ASSOCIATE PROGRAMS

Students enrolled in an associate program are eligible for an associate of arts or associate of science diploma. With the exception of dental hygiene, 66 credit hours and 132 quality points are required for the diploma. No more than 36 hours of transfer credit may be applied to the program. The associate program is generally considered to be terminal and not an integral part of a bachelor's degree. A student who wishes to pursue an associate program must receive permission from the dean of the college in which the program is offered before beginning courses that fulfill requirements.

SUMMER SCHOOL

Students must obtain the written permission of their dean to attend summer school away from Loyola. No transfer credit will be awarded for summer work unless the courses are approved by the major adviser and dean. Only students in good standing are granted permission to attend another institution's summer school.

CROSS-ENROLLMENTS

Loyola has cross enrollment agreements with the New Orleans Consortium (Xavier University and St. Mary's Dominican College and Loyola), Tulane University, University of New Orleans, and Southern University in New Orleans. Loyola students who wish to enroll at one of these institutions through a cross-enrollment agreement must have the permission of their dean, advisor, and the registrar.

Loyola students who participate in the cross-enrollment program will have the course work automatically posted to their Loyola transcript. Therefore, students when applying to graduate schools should not indicate one of the cross-enrollment institutions as one of the schools that they have attended.

Students who attend Loyola from one of the cross-enrollment institutions will only have a transcript issued by Loyola if the student has attended Loyola as a transient, degree, or nondegree-seeking student in addition to having attended while a cross-enrolling student.

Cross-enrollment opportunities do not extend to the summer terms.

Loyola undergraduates may cross register for a limit of two specially designated courses in the Departments of Aerospace, Anthropology, and Geology at Tulane. Likewise, Tulane undergraduates may do the same in the Department of Communications at Loyola.

MCMXIII

COLLEGE OF ARTS AND SCIENCES

Dean: Robert J. Ratchford, S.J., Ph.D. *Office:* 202 Bobet Hall
Assistant Dean: Leo A. Nicoll, S.J., Ph.D.
Common Curriculum Director: Richard E. Johnson, Ph.D.
Administrative Assistants: Maedell Hoover and Mary E. Arceneaux.

The college, founded in 1912, is accredited by the Southern Association of Colleges and Schools and approved for Teacher Education by the Louisiana State Board of Education.

It holds membership in the American Association of Colleges for Teacher Education, American Council on Education, Association of American Colleges, Association of Jesuit Colleges and Universities, National Catholic Educational Association, National Educational Association and the Southern Association of Colleges and Schools.

BACHELOR DEGREES

The college offers the bachelor of arts or bachelor of science in the fields of biology, chemistry, communications (broadcasting, film, and journalism), computer science, dental hygiene, drama, economics, education (elementary, physical, and secondary), English, Greek and Latin, history, languages (French, German, Russian, Spanish), mathematics, medical technology, philosophy, physics, political science, psychology, religious studies, sociology, social work, and visual arts.

Those students preparing for medical, dental, pharmacy, or veterinary schools normally work towards a degree in biology or chemistry. Students with high aptitudes and extraordinary interests may take courses in the honors program, which supplements but does not replace work toward a regular degree.

With the approval of the departmental chairpersons involved and of the dean, students may design interdisciplinary programs leading to interdisciplinary degrees. Several such programs have become standardized.

REQUIREMENTS FOR DEGREE

The requirements for the bachelor of arts and the bachelor of science degrees are: successful completion of at least 128 semester hours of college work, which may include a maximum of 30 hours credit for advanced placement; a career cumulative and Loyola cumulative of at least 2.0; completion of the common curriculum described below; completion of the degree concentration requirements listed by the department; and certification by the major department. The college requirement in the major field of study is the completion of at least 30 hours of course work with an average of 2.0. No more than 20 hours, may be taken in any one semester without authorization by the dean.

Examinations — The college requires that all candidates for a degree must sit for the undergraduate assessment program, or its equivalent, if a field test is available in his major area of study. The oral and written comprehensive examinations in the student's major field are set by the department.

Residency Requirement — Transfer students must complete a minimum of two semesters and 32 hours at Loyola. Transfer students must also complete 15 hours of their major degree concentration in residence at Loyola.

ASSOCIATE DIPLOMAS

Two-year associate diplomas are now being sponsored by the college. Students seeking an associate diploma should apply for admission following the same guidelines set for baccalaureate degree candidates.

With the exception of dental hygiene, 66 credit hours and 132 quality points are required for the diploma. No more than 36 hours of transfer credit may be applied. The associate program is generally considered to be terminal and not an integral part of a bachelor's degree. A student who wishes to pursue an associate program must receive permission from the dean of the college in which the program is offered before taking courses that fulfill requirements.

REQUIRED COURSES — English 122, Mathematics 122, History 122, Philosophy 122, Religious Studies 122, Science 122, an advanced common curriculum philosophy elective, and advanced common curriculum religious studies elective, nine hours in the concentration, six hours of adjuncts, 27 hours of electives.

SPECIAL DEGREES

DOUBLE MAJORS — The college recognizes the right of students to earn a degree with a double major. Students wishing to pursue a double major should present themselves to the dean to complete the application for a double major.

CONTRACT DEGREES — Students wishing to earn a bachelor's degree through programs not regularly available in the college may consult the dean's office about the possibility of a contract degree. Each case will be judged individually and if the student's petition is accepted a contract individually tailored to the student's needs will be drawn up.

SECOND BACHELOR'S DEGREE — A student having already earned a bachelor's degree and wishing to earn from Loyola a second bachelor's degree must consult with the dean who will advise as to the appropriateness of such a degree. Ordinarily, the earning of a second bachelor's degree is discouraged and work on a graduate degree is encouraged. However, for those whom a second undergraduate degree would be of benefit, the requirements include:

1. Residency of 32 semester hours.
2. 15 hours of the major in residence.
3. Adjunct requirement of major department.
4. Common curriculum requirement of 18 semester hours.

CURRICULUM DESIGN

The curriculum is meant to achieve two goals: to give the student a solid and well-rounded preparation in the major field of concentration; and to bring the student to grapple in an atmosphere of study and reflection, with current convictions, beliefs, and commitments. It is designed to assure the student that he or she will suffer no mindless commitments or groundless convictions. The curriculum matches the goals of Catholic and of Jesuit liberalizing education, both of which function best in an open society, a pluralistic culture, and an ecumenical age. The curriculum is broken up into four blocks of varying shape and size.

Block One

Major Concentration: that series of courses which lead to a bachelor's degree in a subject area. The concentration generally requires between 30 and 40 semester hours of study, and is described under each departmental heading.

Block Two

Adjunct Courses: that series of courses in areas allied to the major concentration which lead to a well-rounded professional. Thus, mathematics is necessary to a physicist; philosophy, very useful to the political scientist. Some of these courses are already listed below under degree programs, others are designated by the student's chairman or advisor.

Block Three

Common Curriculum: The common curriculum is Loyola's award-winning liberal arts requirement. While courses in major departments supply preparation within particular areas, courses in the common curriculum provide a broad humanistic dimension to every undergraduate's program. Each student's degree, therefore, contains both specialized and liberalizing studies.

The common curriculum is divided into *introductory* and *advanced* courses.

INTRODUCTORY COURSES

Beginning students must take each of the following six courses (18 sem. hrs.):

*English Composition 122 (103)
*Mathematics 122 (103)
Religious Studies 122 (103)
*Science 122 (103)
(Biology, Chemistry, or Physics)
Philosophy 122 (103)
*World Civilization 122 (103)

*Students are notified of advanced placement credit awarded in these areas. Credit is awarded on the basis of scores on standardized tests and/or departmental exams. Specific policies on advanced placement are explained during new student orientation sessions.

ADVANCED COURSES

Advanced courses (24 sem. hrs.) in the common curriculum are divided into three studies areas: aesthetic studies, decisional studies, and

speculative studies. Philosophers from the post-enlightenment on have said that humans are distinguished from other forms of being by virtue of the ability to feel aesthetic pleasure, make decisions, and think or speculate. The traditional content of liberal arts education is uniquely arranged under these three headings in innovative classroom formats and an elective display of courses. Advanced courses also fall into two time periods, pre-modern (i.e., pre-1650) and modern, to acquaint students with what has occurred in the past and its influence on the present and future.

Because the common curriculum leads students to broadening studies outside of their major, all eight advanced courses must be taken in fields other than the field of concentration.

Students elect eight courses, with at least two in each studies area (aesthetic, decisional, and speculative). Of the eight, two must be in philosophy, two in religious studies, and two in the pre-modern period. One course might fulfill as many as three of these requirements simultaneously: for example, Religious Studies 138 (249), decisional pre-modern, *Bible and Morality,* will check off (1) religious studies, (2) decisional, and (3) pre-modern.

Counsellor's reports will automatically record each student's progress in the common curriculum.

HONORS COMMON CURRICULUM: OPTION TWO

Option two is a "tracked" version of the common curriculum designed by over two dozen Loyola professors on grants from the National Endowment for the Humanities. It is a "total" program of integrated liberal arts studies.

Option two shares the fundamental philosophical assumption of the common curriculum that educated human life is characterized by development in aesthetic, decisional, and speculative areas. Option two teaching teams have taken the care to integrate knowledge from each area and arrange it sequentially so that students will progress from relatively elementary learning at the outset to increasingly complex processes later on. The accumulated content of option two provides a unified and large-scale access to knowledge in the humanities, arts, and sciences.

Two policies are meant to ensure a community of young scholars, students who will join with teachers to share in learning, congenial competition, and individual development. First, option two students are expected to complete the entire program (though up to three course substitutions are permitted; no more than one per semester), and second, advanced placement credit will apply toward graduation in the elective block, but will not count as fulfilling option two (i.e., common curriculum) requirements. (Due to the requirements in their degree programs, students majoring in the following subjects are unable to schedule option two: biological sciences, chemistry, dental hygiene, education, medical technology, and physics.)

Option two students take classes together and become acquainted academically and socially. Their learning consists of a carefully planned review of great art and literature, ethical thinkers and systems, and the works of great writers, theologians, and philosophers. Option two stu-

dents promise to become a learning society that will lend increased appreciation of the liberal arts among Loyola undergraduates.

These rewards, sufficient in themselves, will be supplemented by honors credit, close personal advising from professors, simplified registration procedures, specially scheduled option two academic events (such as speakers, symphonies, films, and symposia), early completion of all common curriculum requirements, and a chance to make friendships that may extend beyond graduation and last a lifetime.

The option two schematic below will provide students and faculty advisors with helpful thumbnail information. Course descriptions appear in the chapter titled *Undergraduate Courses.*

SEMESTER	AESTHETIC TRACK	DECISIONAL TRACK	SPECULATIVE TRACK
EXPERIENCE LEVEL 1st Sem. 9 hrs.+ Engl 122 (103)	Modern Masters	Ethics and the Individual	Philosophers: Ancient and Modern
SURVEY LEVEL 2nd Sem. 9 hrs.	Great Art Ages	Ethics of Community	The Transitional Philosophers: Reason and Reality
PROCESS LEVEL 3rd Sem. 9 hrs.	The Aesthetic Process	Social Decisions	Modern Physical World
CASE LEVEL 4th Sem. 9 hrs.	Examples: Shakespeare's Reflexivity or European Influence on Russian Art and Letters	Examples: The Role of Law in the Ancient World or Academic Tests and Testing	Example: Models of Knowledge
SYNTHESIS LEVEL 5th Sem. 6 hrs.	Great Epochs of Man		

Block Four

Electives: The college thinks it important that the student have considerable freedom to choose those courses or series which interest him or her, for whatever reason, so that the student's education may be rich and full. The number of hours a student may elect depends to a large extent on the major concentration, but it is generally about 30 hours.

GENERAL STUDIES PROGRAM

Director: A & S Assistant Dean *Office:* 202 Bobet Hall

This program is explicitly designed for students who are uncertain about a major degree program. Emphasis is placed on completing the common curriculum requirements and offering to students a broad introduction to the academic program. Students are encouraged to leave this program as soon as they show any inclination towards a major degree program.

Students may remain in general studies for a maximum of 64 hours. This requirement is absolute and may not be extended without explicit permission of the dean.

The program is administered by the assistant dean of the College of Arts and Sciences who functions as the equivalent of the department chairperson.

Any student with fewer than 64 semester hours who desires to pursue the general studies program should contact the assistant dean in the College of Arts and Sciences.

DEPARTMENT OF BIOLOGICAL SCIENCES

Chairman: Rev. Roland Lesseps, S.J. *Office:* 347 Monroe Hall
Professors: Letitia Beard, Kamel Khalaf, Walter Moore
Associate Professors: Roland Lesseps, S.J., Jagdish Upadhyay, J. Kenneth Shull
Assistant Professor: Barry Good

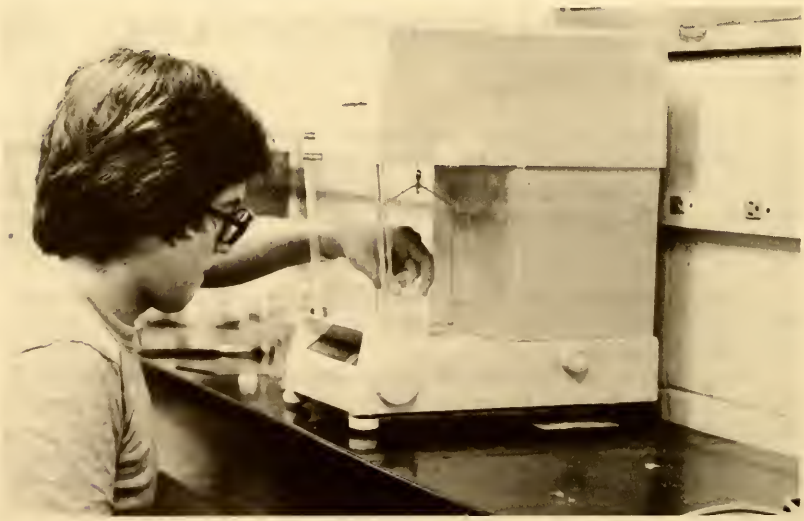
The Department of Biological Sciences has both undergraduate and graduate programs. The undergraduate program offers students a preparation for graduate work in any one of the three main areas of the department, i.e. botany, zoology, and microbiology. It also prepares students for the study of medicine, dentistry, pharmacy, veterinary medicine, oceanography, and marine biology. The pre-medical and pre-dental programs are full four year curricula for which the B.S. Biology degree is awarded.

All students in the department are expected to complete a two year research project, BioSci 317, under the personal direction of a faculty member. All candidates for the B.S. Biology degree are required to complete eight courses in chemistry which include organic and biochemistry.

Juniors and seniors in the department are expected to serve as assistants. Students holding scholarships are expected to serve as assistants in the department in return for the scholarship grant. In all other cases the student's earnings are applied to his tuition expenses.

The honors program, BioSci 317H, requires students to maintain a minimal B average in biology and chemistry during all four years. Special experimental work and grant applications are also required of honor students.

Successful completion of both oral and written comprehensive examinations in biological sciences is a requirement for graduation.



BACHELOR OF SCIENCE — BIOLOGY

Freshman		F	S
Major	BioSc 107-108	4	4
Adjunct	Chem 111/113-112/114	4	4
Adjunct	Math 257-258	3	3
Adjunct	MFL-Gr 101-102 (or Russian)	3	3
Common Curriculum	Engl 103-Elective in English	3	3
Common Curriculum	RelSt 103	0	3
		17	20
		37	

Sophomore		F	S
Major	BioSc 201-202	4	4
Adjunct	Chem 211/213-340	4	3
Adjunct	MFL-Gr 201-210 (or Russian)	3	3
Adjunct	Engl — Upper Division Electives	3	3
Common Curriculum	Phil-Phil of Man 200-204	3	3
Common Curriculum	RelSt Electives	3	3
		20	19
		39	

Junior		F	S
Major	BioSc 301-312	4	3
Major	BioSc 317-317	0	0
Major	BioSc 318-318	0	0
Adjunct	Chem 331-332/326	3	5
Adjunct	Phys 201-203	4	4
Common Curriculum	Phil of Conduct-Med Ethics	3	3
Common Curriculum	World History	3	3
Common Curriculum	RelSt Elective	3	0
		20	18
		38	

Senior		F	S
Major	BioSc 304-Elec	4	4
Major	BioSc 315-316	1	1
Major	BioSc 317-317	0	2
Major	BioSc 318-318	0	2
Adjunct	Chem 327-328/330	3	5
Common Curriculum	Phil of Knowledge	3	0
	Electives	3	3
		14	17
		31	

TOTAL: 145 sem. hrs.

Honors Program

Those students who finish their sophomore year with at least a B average in both biology and chemistry will be permitted to enroll for BioSc 317H., which encompasses an honors program requiring special experimental work under the personal direction of one member of the department. To remain in the honors program, students must maintain a mini-

mum of a B average in biology and chemistry throughout their junior and senior years. Their diplomas will have *Honors* noted on them.

PRE-MEDICAL AND PRE-VETERINARY PROGRAM

Freshman		**F**	**S**
Major	BioSc 107-108	4	4
Adjunct	Chem 111/113-112/114	4	4
Adjunct	MFL-Gr 101-102 (or Russian)	3	3
Adjunct	Math 257-258	3	3
Common Curriculum	Engl 103-Elective	3	3
Common Curriculum	RelSt 103	0	3
		17	20
		37	

Sophomore		**F**	**S**
Major	BioSc 201-202	4	4
Adjunct	Chem 211/213-340	4	3
Adjunct	Engl — Upper Division	3	3
Adjunct	MFL-Gr 201-210 (or Russian)	3	3
Common Curriculum	Phil-Phil of Man 200-204	3	3
Common Curriculum	RelSt Electives	3	3
		20	19
		39	

Junior		**F**	**S**
Major	BioSc 301-312	4	3
Major	BioSc 317-317	0	0
Major	BioSc 318-318	0	0
Adjunct	Chem 331-332/326	3	5
Adjunct	Phys 201-203	4	4
Common Curriculum	Phil of Conduct-Med Ethics	3	3
Common Curriculum	History: World	3	3
Common Curriculum	RelSt: Elective	3	0
		20	18
		38	

Senior		**F**	**S**
Major	BioSc 304-302	4	4
Major	BioSc 315-316	1	1
Major	BioSc 317-317	0	2
Major	BioSc 318-318	0	2
Adjunct	Chem 327-328/330	3	5
Common Curriculum	Phil of Knowledge	3	0
	Electives	3	3
		14	17
		31	

TOTAL: 145 sem. hrs.

Honors Program

Those students who finish their sophomore year with at least a B average in both biology and chemistry will be permitted to enroll for BioSc 317H., which encompasses an honors program requiring special

experimental work under the personal direction of one member of the department. To remain in the honors program, students must maintain a minimum of a B average in biology and chemistry throughout their junior and senior years. Their diplomas will have *Honors* noted on them.

PRE-DENTAL PROGRAM

Freshman		F	S
Major	BioSc 107-108	4	4
Adjunct	Chem 111/113-112/114	4	4
Adjunct	Math 257-258	3	3
Common Curriculum	Phil 103-RelSt 103	3	3
Common Curriculum	Engl 103-Elective Engl	3	3
		17	17
		34	
Summer Session			
Adjunct	Phys 201-203	4	4
		8	
Sophomore		F	S
Major	BioSc 201-202	4	4
Adjunct	Chem 211/213-340	4	3
Adjunct	MFL-Gr 101-102 (or Russian)	3	3
Adjunct	Engl Electives	3	3
Common Curriculum	Phil of Man-RelSt	3	3
		17	16
		33	
Junior		F	S
Major	BioSc 301-312	4	3
Major	BioSc 317-317	0	0
Major	BioSc 318-318	0	0
Adjunct	Chem 331-332/326	3	5
Adjunct	MFL-Gr 201-210 (or Russian)	3	3
Common Curriculum	Phil of Cond.-Medical Ethics	3	3
Common Curriculum	History: World	3	3
Elective		3	3
		19	20
		39	
Senior		F	S
Major	BioSc 304-302	4	4
Major	BioSc 315-316	1	1
Major	BioSc 317-317	0	2
Major	BioSc 318-318	0	2
Adjunct	Chem 327-328/330	3	5
Common Curriculum	Phil of Knowledge	3	0
Common Curriculum	RelSt Electives	3	3
		14	17
		31	

TOTAL: 145 sem. hrs.

PRE-PHARMACY PROGRAM

Freshman		**F**	**S**
Major	BioSc 107-108	4	4
Adjunct	Chem 111/113-112/114	4	4
Adjunct	Math 115/116	3	3
Common Curriculum	Engl 103	3	0
Common Curriculum	Phil 103-Phil 204	3	3
Common Curriculum	RelSt 103	0	3
		17	17
		34	
Summer Session			
Adjunct	Phys 201-203	4	4
		8	
Sophomore		**F**	**S**
Major	BioSc 122	0	4
Adjunct	Chem 211/213	4	0
Adjunct	Chem 331-332/336	3	5
Adjunct	Acct 105/Econ 201	3	3
Common Curriculum	Phil 317-Engl Elec	3	3
Common Curriculum	RelSt Electives	3	3
		16	18
TOTAL: 76 sem. hrs.		34	

Students who plan to attend Xavier University College of Pharmacy should take DrSp 101 in place of Acct 105.

DEPARTMENT OF CHEMISTRY

Chairman: Dr. Anthony DiMaggio, III *Office:* 425 Monroe Hall
Professors: Robert Petterson, Jasjit Walia, Richard P. Wendt
Associate Professors: Anthony DiMaggio III, Frank Komitsky, Jr.

Three undergraduate degree programs are offered:
Bachelor of Science — Chemistry (Honors Program)
Bachelor of Science — Chemistry
Bachelor of Science — Chemistry Major

The Chemistry Department is on the Approved List of the American Chemical Society for Professional Training in Chemistry. Students who graduate with either the B.S.-Chemistry (Honors Program), or B.S.-Chemistry, will be certified to the American Chemical Society as having met the standards of its Committee on Professional Training.

The chemistry curriculum described in these pages more than meets the standards of the American Chemical Society. The salient points of the curriculum are as follows:

1. Three semesters of introductory chemistry including qualitative and quantitative analysis.
2. Two semesters of physical chemistry begun in the second semester of the sophomore year to serve as prerequisite for biochemistry, inorganic chemistry, and instrumental analysis.
3. Two semesters of organic chemistry
4. One semester of instrumental analysis
5. One semester of biochemistry or inorganic chemistry
6. A total of 500 contact hours of laboratory work and 400 hours of classroom work

An additional feature of the curriculum is that we require two years of German or Russian, two semesters of English common curriculum courses, five semesters of mathematics, one semester of computer science, and two years of physics. Those students interested in biochemistry or medicine may substitute BioSc 107-108 for the second year of physics.

Chem 350, Chemical Literature, is a one hour course required of all chemistry majors in the junior year. This course is designed to teach students how to search the literature rapidly and efficiently for specific pieces of information. For those students in the honors program, this course forms the beginning of their research program.

Choice of advanced courses will be made by the student after consultation with his adviser and the chemistry faculty. This choice is aimed at putting the finishing touches on the student's undergraduate training in the field in which he intends to specialize in graduate school, industry, or government. While research is required of students in the honors program, a chemistry major may elect, with the approval of his adviser, to do a research project to help round out his education. The advanced courses to be taught in any given year will depend upon the needs of the senior class of that year. An upper division course in physics or mathematics

will be accepted as one of the required advanced courses, with approval of the chemistry and physics, or mathematics chairman.

In order to receive the B.S.-Chemistry (Honors Program), the student must:

1. Earn an overall quality point ratio of 2.5 and a chemistry course quality point ratio of 3.0.
2. Engage in, and do satisfactory independent work in a chemistry research project in each semester, beginning with the second semester of the sophomore year. The quality of a student's project work each semester will be certified to the department chairman by the professor who directs the project. A student may continue on the same project for more than one semester, on the advice of the departmental chairman.
3. Present a seminar on his research to the assembled department during the second semester of his senior year.
4. Take Chem 371, Thesis Research, for five semesters for a total of seven semester hours. The course includes completion of a research project and presentation of the results both as a thesis and as a departmental seminar.

Successful completion of the programs just described entitles the student to ACS certification and to a B.S.-Chemistry or B.S.-Chemistry (Honors Program) degree. Completion of 18 upper division hours in chemistry from the group of courses Chem 331-332, 326, 333-334, 336-337, 338-339, 340, 342-344, 343, 345, 327-328, 329-330, 347, plus the usual adjunct courses and common curriculum requirements, will fulfill the university requirements for a B.S. degree with a major in chemistry.

Sophomore, junior, and senior chemistry majors are expected to serve as student assistants to the extent judged appropriate by the department chairman. This work, which is an important part of their training, will earn partial remission of tuition if the student is eligible for financial aid.

Successful completion of a departmental oral comprehensive examination and a departmental written comprehensive examination in chemistry are required for graduation in all three degree programs. The department will waive its written comprehensive examination requirement if a satisfactory UP field test or graduate record examination score is submitted.

BACHELOR OF SCIENCE — CHEMISTRY

Freshman		**F**	**S**
Major	Chem 115-116 or 111-112	3	3
Major	Chem 117-118 or 113-114	1	1
Adjunct	Math 257-258	3	3
Adjunct	Math 201-CmpSc 150	3	3
Adjunct	MFL-Gr 101-102	3	3
Common Curriculum	English	3	3
Common Curriculum	History	0	3
		16	19
		35	

Sophomore		**F**	**S**
Major	Chem 211-336	2	3
Major	Chem 213-338	2	1
Adjunct	Phys 111-112	5	5
Adjunct	Math 259-260	3	3
Adjunct	MFL-Gr 201-210	3	3
Common Curriculum		3	3
		18	18
		36	

Junior		**F**	**S**
Major	Chem 331-332	3	3
Major	Chem 333-334	2	2
Major	Chem 337-342	3	2
Major	Chem 339-344	1	1
Major	Chem 350	1	
Major	Chem 371-371	(1)	(2)
Adjunct	Phys 221-222	3	3
Common Curriculum		3	0
Elective		0	3
		16 (17)	14 (16)
		30 (33)	

Senior		**F**	**S**
Major	Chem 343 or 327	3	
Major	Adv. Chem Lec. or Lab	4	4
Major	Chem 371-371	(2)	(2)
Common Curriculum		3	3
Common Curriculum		6	6
		16 (18)	13 (15)
		29 (33)	

TOTAL: 130 (137) sem. hrs.

Honors requirements in parentheses.

Students seeking ACS Certification must complete adjunct courses.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF COMMUNICATIONS

Broadcasting — Film — Journalism

Chairman: Dr. William M. Hammel *Office:* 208 Gaudin Hall
Associate Professors: Ralph Thomas Bell, William M. Hammel, Neil P. Hurley, S.J., Frank W. Oglesbee, Leonard L. White
Assistant Professors: Peter Kalischer, Luigi Manca, David A. Silvian
Instructors: Steven P. Barker, Patricia A. Parker
Lecturers: Richard Angelico, John Brockhoeft, John Korbel, Will Peneguy, Joseph Reaves, David Snyder.

The amazing growth of the media in this century has caused the initiation of communications programs in colleges and universities across the country. With the first college program in television in the south, Loyola University views broadcasting, film, and journalism (the scope of the Department of Communications) as areas of knowledge worth study. Loyola is acutely aware of the need to form and inform graduates equipped to cope with this rapidly expanding field.

DEPARTMENT GOALS

The Department of Communications, in line with the university's educational goals, strives to produce a student who is both educated and trained, one who combines critical awareness, ability to make decisions, and technical and organizational competence. A solid basis in the techniques of the field (which is art, science, and business) is expected of our students, but we also stress a comprehensive view of the theory, the ethics, and the social consequences of our complex national and global communications systems.

STRUCTURE OF THE DEPARTMENT

The Department of Communications embraces the fields of broadcasting (radio and television), film, and journalism; these constitute three "tracks" in the department. The media are obviously interrelated, yet the department respects the student's right to concentrate in one of these three fields. Some students, however, will seek a mixture or a subspecialty like advertising or public relations, which combine all three fields. Individual tailoring of the student's curriculm to his/her goals is an absolute commitment of the department, and for this reason individual student advising by the faculty is a high priority.

FACILITIES

The department is constantly interested in renewing and expanding its facilities to permit improved conditions for students and faculty. Loyola has some of the most modern communications equipment to be found on any college campus in the south.

The equipment includes: two all-color television studios with modern production control rooms, a master control area, projection and video tape editing facilities, portable television equipment, engineering

shop, news bureau with national wire service, seven radio studios, film cameras (sync sound) and film editing facilities, a graphic arts studio, a scene construction workshop, dark rooms, a typesetting installation, typewriter equipped classrooms, and support facilities. Two campus theatres are equipped for screening both 16mm and 35mm films. Mention should also be made of Loyola's Film Buffs Institute which offers an extraordinary variety of film screenings and hosts the annual New Orleans French and Brazilian Film Festivals.

The department operates WLDC TV and AM, a network of closed-circuit student-operated television and radio on Loyola's campus and other nearby college campuses, and *The Maroon,* the campus newspaper. Two news bureaus offer practical opportunities in print and broadcast news. Students interested in advertising sell commercial air time and space in the paper. Furthermore, credit can be obtained for all supervised work in any of the media, whether on or off campus.

In addition to close ties with the university-owned local CBS affiliate, WWL (TV, AM, and FM), the department enjoys good relationships with other enterprises in the Greater New Orleans area.

PROFESSIONAL AND ACADEMIC SOCIETIES

The department holds professional memberships in the National Association of Educational Broadcasters, Broadcast Education Association, Association of Departments and Administrators in Speech Communication, Speech Communications Association, Communications Conference — Association of Jesuit Colleges and Universities, American Film Institute, Metropolitan Educational Media Organization, International Radio and Television Society, International Communication Society and the Association for Education in Journalism.

SPECIAL PROGRAMS

INSTITUTE FOR RELIGIOUS COMMUNICATIONS held during the summer, has gained an international reputation and has trained people in key positions in religious communications. Techniques in effective use of the mass media for religious and social causes are studied and practiced during three weeks of intensive involvement. Prominent national leaders in the media give guest lectures, while basic training in production techniques is handled by the regular faculty.

INSTITUTE OF SOCIAL COMMUNICATIONS AND POLICY IN EDUCATION (INSCAPE) is a semi-autonomous non-profit institute of the Department of Communications. Its prime objective is to review existing and emerging media for fruitful applications on behalf of minority groups and the subculture of poverty. The premise of INSCAPE is that the present communications potential will be greatly multiplied in the next two decades. This will lead to the creation of unprecedented educational opportunities, particularly for groups with limited resources and access to broadcast receivers and community learning centers. INSCAPE is interested in research, publication, consulting and policy planning strategies rather than production of program materials.

FACULTY

The makeup of the faculty reflects the philosophy of the department: a group of professors and instructors who combine doctoral degrees with years of professional experience (in the U.S., Europe, Asia, and Latin America). Among our present faculty are names of national and international prominence, noted writers and award-winners.

CURRICULUM

Total number of hours required: 130
Communications hours required: 35

Required courses

Lower Division:

Comm 201 — Communications Theory
Comm 206 — Foundations of the Media

Two of the following are required:
Comm 101 — Introduction to Journalism and Reporting
Comm 102 — Introduction to Broadcasting
Comm 103 — Introduction to Film

One of the following is required:
Comm 110 — Production Theory and Practice
Comm 209 — News Editing

Upper Division:

18 hours; at least 12 must be 300-400-level
Comm 498-499 — Senior Colloquium (total of two hours)

Adjuncts

12 hours to be set up with adviser (based on student's area of specialization; the earlier the student clarifies this, the better).

Limits

1. There is a maximum of eight hours 100-level physical education courses and six hours military science courses. Any additional courses in these two areas must be beyond the 130 hours requirement.
2. No upper limits have been set for hours in the major.
3. Within the 35 hours required in the major, only three hours of internship and/or project courses may be included.

Notes

1. A 2.3 average in the major is required to continue as a communications major past sophomore year.
2. Students who entered prior to summer 1977 may elect to follow the old requirements applicable to their track.
3. A final exam in Senior Colloquium serves as departmental comprehensive.

BACHELOR OF ARTS — COMMUNICATIONS (Model)

Freshman		**F**	**S**
Major	Comm 101, 102, 103 (2 of these)	3	3
Major	Comm 110 or 209-201 or 206	3	3
Common Curriculum		6	6
Electives		3	3
		15	15
		30	

Sophomore		**F**	**S**
Major	Comm 201 or 206-Comm Elective	3	3
Major	Comm Elective	3	0
Common Curriculum		6	6
Electives		6	9
		18	18
		36	

Junior		**F**	**S**
Major	Comm Elective	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum		6	6
Electives		3	5
		15	17
		32	

Senior		**F**	**S**
Major	Comm 498-499	1	1
Major	Comm Elective	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum		3	3
Electives		6	6
		16	16
		32	

TOTAL: 130 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF DENTAL HYGIENE

Chairman: Dr. Edward E. Levy *Office:* 540 Monroe Hall
Associate Professors: Edward E. Levy, Jack Pollock
Assistant Professor: Mindy Adshead
Instructors: Barbara Brandt, Meg Thomas
Lecturers: Charlotte D. Crusta, Robert Culver, Jennell Daigre, Hillary Dart, Peter Fortier, Robert Gaudry, Maryanne Gilthorpe, Victor Halperin, Joseph R. O'Neil, Jr., Nancy Tennison

The curriculum of dental hygiene is in keeping with the modern trend toward preventive dentistry in which the dental hygienist, as an ancillary member of the dental team, plays a vital role. After thorough examination, the curriculum of dental hygiene has been accredited by the Council on Dental Education of the American Dental Association.

Loyola offers a four year degree program with special emphasis on advanced clinical practice, dental hygiene education, and liberal arts. A two year program is also available which prepares the student for clinical practice.

Dental Hygiene Fees (in addition to regular university fees)
Instruments (entire program of study).....approximately $300.00
Books (entire program of study) .....approximately 200.00
Uniforms, laboratory coats, incidentals expenses, etc.
(entire program of study).....approximately 150.00

Students are advised not to purchase uniforms, laboratory coats, instruments and supplies until instructed by the department chairman.

Lockers are provided to the dental hygiene students for the safekeeping of their instruments, books, supplies, and clothes.

ATTENDANCE

Regular attendance is required at all dental hygiene classes and laboratory periods. There are no unexcused absences permitted.

PROMOTION

Dental Hygiene 211/213-214 and 331-332 must be passed with a grade of C or higher in order for the student to graduate.

Transfer students or pre-dental hygiene students with lower than a 2.0 average will not be permitted to enter dental hygiene courses.

Students must have a 2.0 average in their major courses in order to graduate.

BACHELOR OF SCIENCE — DENTAL HYGIENE

Freshman		**F**	**S**
Adjunct	Chem 107	4	0
Adjunct	Chem 323	0	3
Adjunct	Chem 325	0	1
Adjunct	BioSc 122	0	4
Common Curriculum	BioSc 103	4	0
Common Curriculum	Math 103	3	0
Common Curriculum		3	6
Elective		3	0
		17	14
		31	

Sophomore		**F**	**S**
Major	DenHy 201-202	4	2
Major	DenHy 203-204	1	1
Major	DenHy 213-214	2	2
Major	DenHy 211-212	2	2
Adjunct	BioSc 205-206	3	3
Adjunct	DrSp 102	3	0
Adjunct	Psyc 101 or Educ 234	0	3
Common Curriculum		3	3
		18	16
		34	

Junior		**F**	**S**
Major	DenHy 301	2	0
Major	DenHy 303-306	2	2
Major	DenHy 305-308	2	2
Major	DenHy 311-312	3	2
Major	DenHy 331-332	4	4
Common Curriculum		3	6
Electives		3	0
		19	16
		35	

Senior		**F**	**S**
Adjunct	Socl	3	0
Common Curriculum		6	6
Electives		6	9
		15	15
		30	

TOTAL: 130 sem. hrs.
Major Courses: 39 hours
Adjunct Courses: 27 hours
Common Curriculum: 43 hours
Electives: 21 hours

TWO YEAR PROGRAM IN DENTAL HYGIENE

First Year		**F**	**S**
Major	DenHy 201	4	0
Major	DenHy 211	2	0
Major	DenHy 213-214	2	2
Major	DenHy 203-204	1	1
Major	DenHy 212	0	2
Major	DenHy 202	0	2
Adjunct	BioSc 205-206	3	3
Adjunct	BioSc 122	0	4
Adjunct	DrSp 102	0	3
Adjunct	Chem 107	4	0
Common Curriculum	Phil 103-RelSt 103	3	3
		19	20
		39	

Second Year		**F**	**S**
Major	DenHy 305-306	2	2
Major	DenHy 331-332	4	4
Major	DenHy 312	0	2
Major	DenHy 308	0	2
Major	DenHy 303	2	0
Major	DenHy 301	0	2
Major	DenHy 311	3	0
Adjunct	Psyc 101 or Educ 234	3	0
Common Curriculum	Engl 103-Phil	3	3
Common Curriculum	RelSt	3	3
		20	18
		38	

TOTAL: 77 sem. hrs.

DEPARTMENT OF DRAMA AND SPEECH

Chairman: Ernest Ferlita, S.J. *Office:* 309 Bobet Hall
University Professor: Alexis Gonzales, F.S.C.
Associate Professors: Donald Brady, Ernest Ferlita, S.J., Leo Zinser (Emeritus)
Assistant Professors: Robert Fleshman, Herbert Sayas

The Jesuit tradition in drama and speech goes back to the very beginning of the order's educational activities. In the Jesuit school theatre, "the attempt was made for the first time to use the stage, not as the Humanists had used it, mainly for the sake of teaching Latin, but as a formative influence on the student's entire personality."[1] At the same time, no element of the dramatic arts was left unexplored, so that the spoken word, while retaining its importance, took its place alongside of mime, music and spectacle. It is not surprising, therefore, that a number of leading dramatists began the development of their art through contact with the Jesuit stage — Molière and Corneille in France, Calderón de la Barca in Spain, Goldoni in Italy.

The Department of Drama and Speech recognizes in this tradition important directions for the role of the theatre in the modern world, and attempts to make them felt in its curriculum. The curriculum for the Bachelor of Arts degree in Dramatic Arts is designed to provide:

1. Foundation courses in speech, dramatic literature, and the theatre arts for students who intend to teach or direct in high schools, colleges, or community theatres.
2. Intensive ground work in the theory and practice of the dramatic arts for students interested in theatre as a career.
3. Elective courses for students from other departments who wish to broaden and enrich their liberal arts background.

Three or four major productions are staged annually in Marquette Theatre. Work in the Experimental Theatre is continuous.

All drama majors are expected to assist in the production of at least one play per semester. A student placed on probation must cease all production activity until good standing is restored.

The department's comprehensive examination requirement is satisfied by the directing of a short play. The director must be able to defend his or her art before the department and present a record of it in a production book. Every senior must also take the UP exam in drama and theatre.

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[1] Reader's Encyclopedia of World Drama

BACHELOR OF ARTS — DRAMA

Freshman		F	S
Major	DrSp 103-104	3	3
Major	DrSp 296	1	1
Major	DrSp 214-215	3	3
Adjunct	Music 123-124	2	2
Common Curriculum		6	6
		15	15
		30	

Sophomore		F	S
Major	DrSp 203	3	0
Major	DrSp 211	3	3
Major	DrSp 296	1	1
Major	DrSp 223, 303	3	3
Common Curriculum		6	6
Elective		0	3
		16	16
		32	

Junior		F	S
Major	DrSp 311	0	3
Major	DrSp 325/328	3	0
Major	DrSp 471-472	3	3
Major	DrSp 296	1	1
Adjunct	Dramatic Literature	3	3
Common Curriculum		6	6
Elective		1	1
		17	17
		34	

Senior		F	S
Major	DrSp 303	3	3
Major	DrSp 296	1	1
Adjunct	Dramatic Literature	3	3
Common Curriculum		3	3
Elective		6	6
		16	16
		32	

TOTAL: 128 sem. hrs.

DRAMA AND DANCE PROGRAM

There is no dance major as such, but the College of Music offers a variety of courses in dance, sufficient in number to combine with drama to yield a major.

DRAMA THERAPY PROGRAM

In recent years there has been a growing interest in the use of arts in therapy. People are seeking creative and artistic approaches in helping others. Many treatment centers are seeking expanded therapeutic resources of a creative nature.

As a part of this interest, the drama therapy program has been established as an area of emphasis within the Department of Drama-Speech. It is a clustering of courses to develop an understanding and facility in drama as a therapeutic tool.

There are two orientations to the use of the drama in the helping professions, creative and therapeutic.

As a creative process, the medium is used to support health through creative activity. The experience produced is richer than one of recreation. It is consciously designed to stimulate healthy growth and prevent later difficulties.

As a therapeutic instrument, the medium is used with a psychiatric orientation to help people with serious problems in establishing their abilities to relate to others.

On a two year cycle, a student in the drama therapy program will have the opportunity to accrue 15 credit hours of his major in the area of emphasis. He will also be responsible for other courses required by the department.

Particular courses from the Departments of Psychology, Sociology, Music Therapy and Education will be required of the students in this emphasis, which will round out the core courses of the program. For electives, the student is encouraged to choose related courses in two areas: 1) arts and communications and 2) psychology and sociology. To supplement the courses, the program plans to offer workshops in various arts therapies.

Although the field of drama therapy has no certifying organization, the program combines classroom work and field experiences in treatment centers to give the student practical experience in drama therapy.

PROGRAM IN ECONOMICS

Professors: Joseph M. Bonin, Jacques E. Yenni, S.J.
Associate Professors: William Barnett, Shu-Jan Liang, Michael Saliba
Assistant Professors: C. Vincent Olson, James Ramsey

This degree program is co-sponsored by the Colleges of Arts and Sciences and Business Administration. The economics curriculum is designed to provide students with a fundamental understanding of economic processes. Emphasis is on the conceptual framework and analytical skills necessary to an understanding of complex interrelationships among individuals, businesses, and governments, as they relate to the economic aspects of life, particularly with reference to modern industrial market economies. The program also is designed to enable students to function as intelligent and informed citizens and to be prepared for careers in business, industry, and government. Further, the program provides an excellent basis for graduate study in economics or business as well as being an excellent preparation for law school.

BACHELOR OF ARTS — ECONOMICS

Freshman		**F**	**S**
Adjunct	Math 116	0	3
Common Curriculum	Math 115-Engl 103	3	3
Common Curriculum		3	3
Electives		9	6
		15	15
		30	

Sophomore		**F**	**S**
Major	Econ 200-201	3	3
Major	DecSc 200-201	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
		15	15
		30	

Junior		**F**	**S**
Major	DecSc 300	3	0
Major	Econ 400-401	3	3
Major	Fin 310/Econ 300 or 400 level	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		0	3
		18	18
		36	

Senior		F	S
Major	Econ 300 or 400 level elect.	6	3
Common Curriculum		3	3
Electives		9	9
		18	15
TOTAL: 129 sem. hrs.		33	

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF EDUCATION AND PHYSICAL EDUCATION

Chairwoman: Mrs. Mary C. Fitzgerald *Office:* 100 Seton Bldg.
Associate Professors: Alvin Aubry, Lorynne Cahn, Mary Fitzgerald, Glenn M. Hymel, Octavia M. Jones, Hilda Smith
Assistant Professors: Catherine LeBlanc Sparacello

One of the primary functions of the education of teachers today is to challenge students to develop the rationale and insights necessary for making significant decisions. Beyond mere thinking and acting, students must be brought to a deep seated sense of responsibility for their actions. They must become sensitive to the relationships among people and to the complexity of interactions that make community living possible. They must become aware of what is truly human and richly rewarding in a world that too often is threatening, indifferent and mechanical. They must commit themselves to a most important career in our social order, one that is critical, exciting and demanding. They must look forward to a lifetime of change and growth in a dynamic era that they will help to shape.

The Department of Education seeks two main goals: one, an awareness of those values that make for rich, warm, human living and learning; and, two, the development of the knowledge and skills necessary to react positively and wholeheartedly to the management of the tasks of education.

The informed educator of today no longer simply follows the lead of others; he accepts the responsibility for speaking out in a strong, clear voice in educational decision-making. He is deeply committed to a posture that challenges the knowledge and traditions of the past and the changes in education in the contemporary age. His goal is to integrate that which is valuable in both. He wishes to involve himself in the service of God and his fellow man by dedicating his life to the development of the mind and spirit of the young.

"For every great man in the history of the world, there was someone who *taught* him, in some way, to reach this height." Teacher education is very important for the survival of the American way of life. Through teacher education, Loyola is contributing to this important sphere of American culture.

Loyola's teacher education program provides for certification in a number of areas. The bachelor of science degree may be earned in one of the following areas: elementary education, secondary education, or physical education. A Bachelor of Music Education may also be earned at Loyola. Home economics courses and some special education courses may be taken as consortium courses at St. Mary's Dominican College. Some distributive education and drivers education courses are offered by Loyola's City College.

ADMISSION REQUIREMENTS

Prerequisites for admission to the teacher education program are:

1. Admission as a student to the College of Arts and Sciences or College of Music.
2. Successful completion of Educ 100 — Introduction to Education.
3. Submission of the application for admission to the Department of Education.
4. Completion of an oral interview with members of the faculty.
5. Completion of the freshman year at Loyola or its equivalent. This would consist of a minimum of 30 credit hours of basic courses with 2.25 overall average.
6. Demonstration of:
   a. emotional, mental, and physical well-being.
   b. professional decorum, interest, and motivation.
   c. respect and concern for people.
7. Participation in a counseling session with designated guidance workers.

ADMISSION AND RETENTION IN TEACHER EDUCATION

The Department of Education believes that persons whose actions or failure of performance would indicate that school children might be adversely affected by them should not be permitted to enter and continue in the teacher education programs at Loyola. Therefore, the Department of Education reserves the right to admit and retain in teacher education only those students whom the department[1] deems capable of performing physically, mentally, emotionally, and socially in an acceptable professional manner.

Each student who desires a degree in teacher education must be admitted to candidacy by the Admission and Retention Committee and the Department of Education. Application for admission to candidacy is to be made by the student while taking Educ 100, which normally is pursued during the student's freshman year. The official form and self-evaluation sheet are available in the Education Office and must be completed before the end of the student's first semester in residence. Students are responsible for returning these forms to the Education Department. Transfer students will be expected to complete Educ 100, during their first semester at Loyola before becoming eligible for admission to candidacy.

The Admission and Retention Committee of the Department of Education process all applications for admission to the degree programs in teacher education. In arriving at decisions, the committee and department use information obtained from the application form and self-evaluation sheet, the student's academic record, the test and interview records, faculty reports, health records, and other pertinent information.

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[1] In consultation with the University Counseling Center and other appropriate sources of pertinent information.

Admission procedure will generally be completed by the end of the freshman year or for transfer students by the end of their first semester at Loyola. The student will be notified by letter from the chairman of the department of the action taken on the application

A student who is admitted to the teacher education programs will pursue his selected curriculum, scheduling professional education courses beyond the introductory level and other courses in sequence in accordance with the printed curriculum in this bulletin. Suitable field experiences in schools are included.

A student may be admitted provisionally. He is required to confer with the chairman and his adviser to clarify his particular status. Students who are admitted must continue to meet academic and professional requirements during their education program to be retained in this curriculum. Faculty members are invited to submit in writing the name of any student who they believe should be re-evaluated by the Admission and Retention Committee.

The committee may remove a student from a degree program if it is determined that academically or professionally he probably would not be successful as a teacher. The committee may also place him on probation for a given period. The services of the University Counselling Center are available to assist both applicants and students who are not accepted for a teacher education program.

TEACHER EDUCATION AND STATE CERTIFICATION

A student may fulfill all requirements of a teacher education curriculum by completion with a cumulative grade point average of 2.5 of Loyola's planned, sequential, four year teacher education program, as approved by the Louisiana State Board of Education.

A secondary education student may obtain certification by fulfilling all requirements for graduation in his major area and by completing the state approved teacher education program. This student *must be formally* admitted by the department and registered as an education minor. This must be done prior to the first semester of his junior year. Every education minor must have an education faculty adviser.

Every professional education course and every course in a secondary student's teaching field must be completed with a grade of C or better.

The commons section of the National Teachers' Examination is recognized as the undergraduate comprehensive for the B.S. degree in education. Students will be informed of specific testing requirements related to Louisiana state certification by departmental advisors.

As a prerequisite to student teaching, the student must earn a minimum of 50 clock hours as a teacher's aide in Educ 200.

The Loyola Student Teaching Handbook specifies the policies and practices related to the student teaching experience. It is the responsibility of the student teacher and his supervisors to become acquainted with and to comply with these policies.

All students seeking a bachelor of science in education, physical education, and/or state certification must complete the following block of courses:

1. English — 12 sem. hrs., including 3 sem. hrs. in grammar and 3 sem. hrs. in composition.
2. U.S. History — 6 sem. hrs.
3. Social Studies — 6 sem. hrs.
4. Science — 12 sem. hrs., including 3 sem. hrs. of a biological science and 3 sem. hrs. of a physical science.
5. Mathematics — 6 sem. hrs.
6. Physical Education — 4 sem. hrs., including first aid.
7. Ed. 100 — Introduction to Education.
8. Ed. 234 — Educational Psychology.
9. Ed. 200 — Teacher Aide
10. Minimum of 6 sem. hrs. in teaching of reading.

In some instances, Common Curriculum courses may be fulfilled concurrently with these general requirements. Secondary education majors should consult with their advisors concerning the possibility of fulfilling Common Curriculum requirements concurrently with teaching field requirements.

Any changes which may occur in degree and/or certification requirements during the effective dates of this bulletin will be incorporated by his academic advisor into the student's program. It is the student's obligation to consult with his advisor prior to every registration period.

BACHELOR OF SCIENCE — ELEMENTARY EDUCATION

Freshman		F	S
Major	Educ 100	3	0
Major	Geog 152-Educ 155	3	3
Major	PhyEd 125	2	0
Major	PhyEd Activity	0	2
Adjunct	Science	4	4
Adjunct	Educ 258	0	3
Common Curriculum	Hist 103-Phil 103	3	3
Common Curriculum	Engl 103-RelSt 103	3	3
		18	18

Sophomore		F	S
Major	Educ 230	0	3
Major	Educ 234-Educ 200	3	1
Major	Educ 236	0	3
Adjunct	DrSp 101	3	0
Adjunct	Science-HE 205*	4	3
Adjunct	Math 113-114	3	3
Adjunct	Hist 201-202	3	3
Common Curriculum	Engl-Engl	3	3
		19	19

Junior		F	S
Major	Educ 356	2	0
Major	Educ 357-354	3	3
Major	Educ 358-355	3	3
Major	Educ 359-360	3	3
Major	PhyEd 342-362	2	2
Common Curriculum	SocStu-Phil	3	3
Common Curriculum	RelSt	3	3
		19	17

Senior		F	S
Major	Educ 403	9	0
Adjunct	Engl Grammar*	0	3
Adjunct	Hist 361	0	3
Common Curriculum	Phil	0	3
Elective		0	3
TOTAL: 131 sem. hrs.		9	12

Certification requirements are established by the state department of education and, therefore, may change the curriculum. Departmental advisors should be consulted prior to each semester.

*Taken through the Consortium

BACHELOR OF SCIENCE — SECONDARY EDUCATION

Freshman		F	S
Major	Educ 100	3	0
Major	PhyEd 125	2	0
Adjunct	Math	3	3
Adjunct	Teaching field(s)	3	3
Adjunct	Science	0	4
Common Curriculum	Engl 103-History 103	3	3
Common Curriculum	RelSt 103-Phil 103	3	3
		17	16

Sophomore		F	S
Major	Educ 200-PhyEd Activity	1	2
Major	Educ 234-235	3	3
Adjunct	DrSp 101-SocStu	3	3
Adjunct	Science	4	4
Adjunct	Hist 201-202	3	3
Common Curriculum	Engl-Engl	3	3
		17	18

Junior		F	S
Major	Educ 351-371	3	3
Major	Educ 361	3	0
Major	Educ 362	3	0
Adjunct	Teaching Field(s)	3	9
Common Curriculum	Phil-RelSt	3	3
Common Curriculum	RelSt-Phil	3	3
		18	18

Senior		F	S
Major	Educ 404	0	9
Adjunct	Engl Grammar*	3	0
Adjunct	Teaching Field(s)	6	0
Common Curriculum		3	0
Electives		6	0
TOTAL: 131 sem. hrs.		18	9

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

Certification requirements are established by the state department of education and, therefore, may change the curriculum. Departmental advisors should be consulted prior to each semester.

BACHELOR OF SCIENCE — PHYSICAL EDUCATION, HEALTH, AND RECREATION

Freshman		F	S
Major	Educ 100-PhyEd 125	3	2
Major	PhyEd 120-260	3	3
Adjunct	BioSc 101-102	4	4
Adjunct	Math	3	3
Common Curriculum	Phil 103-RelSt 103	3	3
Common Curriculum	Hist 103-Engl 103	3	3
		19	18
		37	

Sophomore		F	S
Major	PhyEd 160-Educ 200	3	1
Major	PhyEd 320-240	3	3
Major	Educ 234-Educ 235	3	3
Adjunct	BioSc 205-206	3	3
Common Curriculum	Phil-RelSt	3	3
Common Curriculum	Social Studies-Engl	3	3
		18	16
		34	

Junior		F	S
Major	Educ 230	0	3
Major	Educ 361	3	0
Major	Educ 362	3	0
Major	PhyEd 362B	0	3
Major	Phy Ed 305	0	3
Adjunct	Engl Grammar*-HE 205*	3	3
Adjunct	Science	4	0
Adjunct	Hist 201-202	3	3
Common Curriculum	Engl-RelSt	3	3
		19	18
		37	

Senior		F	S
Major	PhyEd 340	3	0
Major	PhyEd 341	3	0
Major	PhyEd 342	3	0
Major	PhyEd 471	3	0
Major	Educ 351-Educ 404	3	9
Common Curriculum	Phil	3	0
TOTAL: 135 sem. hrs.		18	9
		27	

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

Certification requirements are established by the state department of education and, therefore, may change the curriculum. Departmental advisors should be consulted prior to each semester.

*Taken through the Consortium

DEPARTMENT OF ENGLISH

Chairman: Dr. Bruce Henricksen *Office:* 323 Bobet Hall
Associate Professors: Dawson Gaillard, Bruce Henricksen, John Joerg, Marcus Smith
Assistant Professors: William Cotton, Anthony Lala, John Mosier
Basic Skills Program: Mary Lyn Campbell, director; John Biguenet, writing specialist; Bobby Cummings, reading specialist.

REQUIREMENTS FOR ENGLISH MAJOR

For a bachelor of arts in English a student must complete 37 hours. Majors must take six hours as freshmen to be chosen from the 212-214 sequences. All sophomores must take English 250.

After satisfying the above prerequisites, a major chooses four of the following 300-level courses:

Engl 301-302-303:	British Literature from beginnings to the present. 12 hours.
Engl 310-311:	American Literature from beginnings to the present. 8 hours.

The student completes his literature requirements by selecting electives on the 400 and 500 levels. All senior English majors may take English 499, Major Thesis, with the approval of the chairperson, in fulfillment of their major.

All majors must take 15 hours of a foreign language, and, in the interest of shaping the strongest possible program of study, the Department of English reserves to itself the prerogative of specifying which Common Curriculum courses its majors should take. The student must consult his/her assigned adviser in this as in all other curriculum matters prior to registering each semester. In the senior year, all majors must take the graduate record exam; a score above the 40th percentile is required for graduation.

BACHELOR OF ARTS — ENGLISH

Freshman		**F**	**S**
Major	Engl 212, 213, 214	3	3
Adjunct	Lang	3	3
Common Curriculum		9	9
		15	15
		30	

Sophomore		**F**	**S**
Major	Engl 250-Engl 300 level	7	8
Adjunct	Lang	3	3
Common Curriculum		3	3
Electives		3	3
		16	17
		33	

Junior		**F**	**S**
Major	Engl 300-400 level	4	6
Adjunct	Lang	3	0
Common Curriculum		3	3
Electives		6	9
		16	18
		34	

Senior		**F**	**S**
Major	Engl 400-500 level	3	3
Common Curriculum		6	6
Electives		9	6
		18	15
		33	

TOTAL: 130 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF GREEK AND LATIN STUDIES

Chairman: Rev. Emmett M. Bienvenu, S.J. *Office:* 301 Bobet Hall
Professor: Rev. Emmett M. Bienvenu, S.J.

Students who present two or more high school units in classical languages are advised to take the achievement tests of the CEEB. On the basis of these tests, they are assigned to those language courses must suited to their needs and achievements.

GREEK AND LATIN STUDIES

The bachelor of arts program in Greek and Latin is hallowed by a long tradition and yet it is most contemporary in its interdisciplinary structure. It highlights Greek and Roman literature; but in addition to the common curriculum requirements, it demands a total of 9 semester hours in philosophy, 15 in history, and six in religious studies. Thus the spectrum of studies is both broad and deep — sufficiently extensive, purposefully intensive.

Candidates for the bachelor of arts in classics degree, which involves the study of both Greek and Latin literature in the original languages, follow the program and course sequences indicated in this bulletin. But students who wish to focus exclusively on Greek or Latin literature alter the program listings in this way: they take two additional courses (six semester hours) in either Greek or Latin literature so as to complete their specific major requirements of 30 semester hours; they follow three departmental courses-in-translation (nine semester hours); and they add six elective hours.

Senior comprehensive examinations are both oral and written. Exercises in composition, prose or verse, accompany the study of Greek and/or Latin authors in all courses.

Greek 101-102 are offered in the fall and spring semesters respectively of each scholastic year.

BACHELOR OF ARTS — CLASSICAL STUDIES

Freshman		F	S
Major	Gk 101-102	3	3
Major	Lt 201-202	3	3
Adjunct	Hist 104	0	3
Common Curriculum		6	3
Common Curriculum		3	3
		15	15
		30	

Sophomore		F	S
Major	Gk 301-302	3	3
Major	Lt 313-314	3	3
Adjunct	Phil	3	0
Adjunct	Hist 201-202	3	3
Common Curriculum		3	3
Common Curriculum		3	0
Elective		0	3
		18	15
		33	

Junior		F	S
Major	Gk Electives	3	3
Major	Lt Electives	3	3
Adjunct	Hist 301-302*	3	3
Adjunct	Phil 309-310	3	3
Adjunct	RelSt	3	3
Common Curriculum		3	3
		18	18
		36	

Senior		F	S
Major	Gk Electives	3	3
Major	Lt Electives	3	3
Common Curriculum		3	3
Common Curriculum		3	3
Elective		3	3
		15	15
TOTAL: 129 sem. hrs.		30	

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

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*CET 340-341 (Seminars in Greek and Roman historians respectively) are acceptable substitutes for these courses.

DEPARTMENT OF HISTORY

Chairman: Rev. James J. Pillar, O.M.I. *Office:* 428 Bobet Hall
Professor: James J. Pillar, O.M.I.
Associate Professors: Maurice Brungardt, Bernard Cook, Leo Nicoll, S.J., Grace Swift
Assistant Professors: Peter Cangelosi, David Moore, Dale Williams

The aim of the undergraduate program in history is to provide a broad-based study of man's past. Such a study is a response to an innate interest which all men have in the past and which parallels their concern for the future. This desire is seen as a search for identity, individual and collective, and for insights into today's problems with an eye to their solutions.

The department provides instruction by professors with terminal degrees; it does not delegate, as is the practice in many large universities, its undergraduate students to teaching assistants. Every effort is made to develop attitudes of mind that distinguish the liberally educated man — habits of skepticism and criticism, of viewing events with perspective and objectivity, of judging the good and the bad and the in-between in human affairs, of weighing the pros and cons in courses of action to be taken.

An undergraduate degree in history is recognized as valuable preparation for careers in several fields: law, foreign service, politics, journalism, teaching and, naturally, historical research and writing. History also serves as an indispensable adjunct to studies in the humanities and the social sciences.

History graduates also seek careers in business in large numbers. The faculty adviser can recommend specific business courses to be taken that will not only provide the student with a secondary concentration in business, but also qualify him to enter a master's in business administration program and complete that program within a single year after graduation.

In order to graduate with a degree in history, a student needs to earn 36 credit hours in his major; namely, 12 hours of lower division courses, and 24 hours of upper division courses. Of the latter, Hist 399-Historiography, is obligatory. He must maintain an overall C average in his major.

History majors are encouraged to keep in close contact with their faculty advisers. As a general rule, every student should see his adviser at least twice a semester. Responsibility for arranging such meetings is shared equally by the student and his adviser. If any disagreement should arise between a student and his adviser, the student should feel free to discuss the problem with the chairman of the department.

Student involvement in the running of the department is realized by means of two elected student representatives who participate with a deliberative vote in all departmental meetings. There exists on campus a chapter of Phi Alpha Theta, a national honor history society, for those students who qualify for membership.

ADJUNCT COURSES

In addition to 36 hours of course work in history, the department requires the following adjunct courses be taken by all majors:

1. For those history majors not going to graduate school:
   Social science (chosen from economics, political science, psychology, or sociology).....9
   English/American Literature 6

   15 hours

2. For those history majors intending to enter graduate school:
   Statistics or computer science.....3
   Social science (chosen from economics, political science, psychology, or sociology).....9
   Foreign language.....6/12

   18/24 hours

The determination of what specific courses in the disciplines listed above would be acceptable as meeting these adjunct requirements will be made by the faculty adviser.

BACHELOR OF ARTS — HISTORY

Freshman		F	S
Major	Hist 103[1]-Hist 104	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		0	3
Elective		6	3
		15	15
		30	

Sophomore		F	S
Major	Hist 201-202	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Elective		3	6
		15	18
		33	

Junior		F	S
Major	Hist Electives	3	3
Major	Hist Electives	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		18	18
		36	

Senior		F	S
Major	Hist 399-Hist Elective	3	3
Major	Hist Electives	3	3
Common Curriculum		3	3
Electives		6	6
		15	15
TOTAL: 129 sem. hrs.		30	

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

[1] Meets common curriculum requirement.

DEPARTMENT OF MATHEMATICAL SCIENCES

Chairman: Larry Neal, Ph.D. *Office:* 552 Monroe Hall
Professor: Robert T. McLean
Associate Professors: James Schmit, Bernard A. Tonnar, S.J., Ray Witham
Assistant Professors: Antonio M. Lopez, Jr., Larry Neal, Clark P. Rhoades
Instructor: Marsha J. Kramer

The Department of Mathematical Sciences offers two degree programs — a mathematics program and a computer science program. In the future, the major source of employment for the mathematician and the computer scientist will be industry. Employers will be concerned less about the actual degree than with the diversity of the student's experiences. They will expect more than a superficial knowledge of either mathematics or computer science. They will also expect the student to be experienced in communicating with people such as engineers, managers, and stockholders, whose activity is outside the discipline of the mathematical sciences.

Since individual courses of study are peculiar to each student, a faculty adviser is assigned to a student prior to registration for the first semester. The faculty adviser will endeavor to tailor a particular area of concentration for the student with a proper mixture of adjunct and elective courses.

The faculty hold active membership in a number of professional organizations: the Mathematical Association of America, the American Mathematical Society of America, the Association for Computing Machinery, and the Operations Research Society of America, to name a few. The faculty has been chosen because of their different backgrounds and their ability to make one cohesive department with two major programs.

MATHEMATICS PROGRAM

There are many reasons for students to choose to major in mathematics. To meet the broad interests of all mathematical scholars, the department offers flexibility in its programs.

The student majoring in mathematics is encouraged to obtain as broad an educational experience as possible by selecting elective courses from several other disciplines in such diverse fields as physics, chemistry, economics, computer science, history, sociology, language, biology, psychology, music, English, business administration, and others.

The basic program is designed for the student wishing to have a career where mathematics might be used directly or indirectly, for example, a career in aeronautics, electronics, marketing, social engineering, opinion analysis, insurance, accounting, automation, management, computer applications, sales, teaching and government operations or research.

Optional programs have been designed to tailor the major program in mathematics to the needs and interest of individual students. Three options are described below.

Option I, the business option, is designed to prepare the mathematics student to enter graduate school in the field of business administration and obtain the MBA in one year. The business option requires 135 semester hours including Acct 105-106, Econ 201-202, Mkt/Mgt 205, Mkt 305, Math 241-242, and CmpSc 171-172, which may substitute for CmpSc 161-162.

Option II, the Honors Program, is designed to prepare the student for graduate work in mathematics. The Honors Program requires 135 semester hours including 12 hours of a modern foreign language, three hours of philosophy (logic), and selected mathematics courses at the 300 and 400 levels.

Option III, the computer science option, is designed for the mathematics student who has a strong interest in becoming a "computing scientist." It provides the student with an overview of the computer industry while using the computer as a problem solving tool. The computer science option in mathematics requires 135 semester hours including CmpSc 271, 340, 343, 363-364, and Math 347-348 and 381-382.

Other options in the mathematics program may be tailored to meet the needs of students interested in industrial applied mathematics, biomathematics, mathematical social sciences, and the managerial sciences.

BACHELOR OF SCIENCE — MATHEMATICS

Freshman		**F**	**S**
Major	Math 201	3	0
Major	Math 257-258[1]	3	3
Major	Math 292	0	1
Adjunct	CmpSc 161-162	3	3
Common Curriculum	Lower Division	6	9
		15	16
		31	

Sophomore		**F**	**S**
Major	Math 259-260	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum	Upper Division	3	6
Electives		6	6
		15	18
		33	

[1] Students without the knowledge of algebra and trigonometry should take Math 150 in the summer before their freshman year.

Junior		F	S
Major	Advanced Mathematics I, II[1]	3	3
Major	Math (300 or 400 level)	3	3
Adjunct	Consult Adviser	3	0
Common Curriculum	Upper Division	6	6
Elective		3	3
		18	15
		33	

Senior		F	S
Major	Math 391-392	1	1
Major	Math (300 or 400 level)	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum	Upper Division	3	0
Electives		6	9
		16	16
		32	

TOTAL: 129 sem. hrs.

In order to obtain a bachelor of science in mathematics at Loyola, a student must complete the curriculum described above and score at least 500 on the graduate record examination in mathematics.

COMPUTER SCIENCE PROGRAM

The basic program in computer science consists of introductory and intermediate level courses which are also suitable for non-majors interested in learning how to use computers, and advanced courses primarily designed to prepare majors for graduate study or professional careers. Adjunct requirements and elective choices in mathematics, economics, science, foreign language or accounting prepare majors to communicate with professionals in allied fields.

The department recommends courses in other fields of the student's choice such as upper level mathematics, science, foreign language. and literature electives for those majors planning to go on to graduate or professional school, or to seek employment in the computer field.

Since computer science is a rapidly developing field in which several distinct specialties are emerging, the major program provides flexibility in the choice of upper level (300 or 400 numbers) courses to permit emphasis on areas of special interest.

Various optional programs have been designed to tailor the major program in computer science to the needs and interest of individual students. Three such options are described below.

Option I, the information systems option, is designed to prepare the computer science student to enter the business community or enter school in the field of business administration. This option requires CmpSc 171-172, 383, 310, 313, and 314. Selected mathematics courses are also required, including Math 115-116 which may take the place of Math

[1] May be Math 361 and 362 or Math 381 and 382.

257-258. With the proper choice of electives, including Acct 105-106, Eco 201-202, Mkt/Mgt 205, Fin 307, and Mkt 305, this option would enable the student to complete work on an MBA degree here at Loyola one year after receiving a bachelor's degree.

Option II, the scientific technology option, is designed for the computer science student with a strong interest in one or more of the sciences. This option requires CmpSc 161-162, 313, 314, 343, and 363 and selected science electives.

Option III, the system application option, is designed to give the computer science student a broad base of knowledge and a clear overview of this rapidly changing area of computer technology. This option requires CmpSc 161-162, 310, 393, 341, and 342. It may be completed in 129 semester hours.

BACHELOR OF SCIENCE — COMPUTER SCIENCE

Freshman		F	S
Major	Programming Language I, II[1]	3	3
Adjunct	Math 257-258[2]	3	3
Adjunct	Phil (Logic)	0	3
Common Curriculum	Phil-RelSt	3	3
Common Curriculum	World Hist-Science	3	3
Common Curriculum	Engl Comp	3	0
		15	15
		30	

Sophomore		F	S
Major	CmpSc 261-262	3	3
Major	CmpSc 271-340	3	3
Adjunct	Math 203-204	3	3
Common Curriculum	Upper Division	3	3
Electives		3	6
		15	18
		33	

Junior		F	S
Major	CmpSc 331-310	3	3
Major	CmpSc (300 or 400 level)	3	3
Adjunct	Math 260	0	3
Common Curriculum	Upper Division	6	6
Electives		6	3
		18	18
		36	

Senior		F	S
Major	CmpSc (300 or 400 level)	3	3
Adjunct	Math 347	3	0
Common Curriculum	Upper Division	3	3
Electives		6	9
		15	15
		30	

TOTAL: 129 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

In order to obtain a bachelor of science in computer science at Loyola, a student must complete the curriculum described above and score at least 500 on the graduate record examination in computer science.

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[1] May be CmpSc 161 and 162 or CmpSc 171 and 172

[2] Students without the knowledge of algebra and trigonometry should take Math 150 in the summer before their freshman year.

DEPARTMENT OF MEDICAL TECHNOLOGY

Chairwoman: Anna R. Persich *Office:* Donnelly Hall
Associate Professor: Anna R. Persich
Assistant Professors: Barbara A. Cretini, Marie J. Villere
Instructor: Sherrie L. Pate
Clinical Lecturers: Dr. Frederick Brazda, Mrs. Joan Broekhoven, Dr. Leslie Bryant, Jr., Mrs. Carolyn Conn, Dr. Joseph Erwin, Dr. Ralph Hartwell, Mrs. Dorris Kelley, Dr. Jung H. Kim, Miss Elizabeth Norsworthy

Medical technology is a rewarding and challenging profession for students oriented in the sciences. It provides great personal satisfaction for those endowed with the spirit of dedication and service to their fellowmen. It, also, offers exciting possibilities for those who want to be an important member of a health care team and yet have a career in science.

This field is open to both men and women. As a medical technologist one becomes a scientific fact-finder who performs tests that are "devised to disclose the subtle changes that disease produces in the body," thus aiding the physician in his diagnosing and treating of disease. The areas in laboratory medicine in which a technologist can specialize include hematology, clinical chemistry, bacteriology, parasitology, virology, immunology, blood banking, and nuclear medicine.

Medical technologists with a bachelor's degree may find positions in hospital laboratories, private clinics, industrial laboratories and health agencies on local and national levels. In addition there are excellent and interesting opportunities to do research, teach or work in pharmaceutical and biological laboratories. The services of technologists are being employed in such challenging fields as chromosome analysis, electron microscopy, and isotope studies — all new horizons in the field of medicine.

The Department of Medical Technology has long been recognized for its outstanding program. It was in the first group of schools of medical technology approved by the Board of Registry of the American Society of Clinical Pathologists and the Council on Medical Education of the A.M.A. on August 29, 1936.

As a profession, medical technology demands an in-depth program in college science courses to meet the increasing responsibilities of the profession. The curriculum at Loyola is designed to meet these demands. It consists of three years of intensive study on the campus followed by a continuous 12 month period of combined didactic and laboratory experience in an affiliated approved hospital school of medical technology. The curriculum on campus includes a series of nine courses in specialized areas of laboratory medicine and those courses required by the Registry of Medical Technologists of the American Society of Clinical Pathologists (ASCP) for certification, namely: 16 semester hours in chemistry, 16 hours in biology and a minimum of three semester hours in college level mathematics, as well as the courses required in the common curriculum.

A comprehensive examination must be successfully completed at the end of the junior year of college studies and before the entrance of the student into the hospital training program.

Loyola seniors are assigned to Hotel Dieu, Southern Baptist, Touro Infirmary, and U.S. Public Health Service Hospital (Marine) for training. To be eligible for clinical training in a hospital, students must have maintained at least a cummulative 2.5 in major and adjunct courses and a C grade in each of the major courses.[1]

After the satisfactory completion of this course of study, a student is awarded the degree of bachelor of sciences in medical technology and is eligible to take the registry examination of the ASCP.

Upon receiving a B.S. in Medical Technology degree students may go into graduate studies in such fields as microbiology or into medical or dental programs.

BACHELOR OF SCIENCE — MEDICAL TECHNOLOGY

Freshman		**F**	**S**
Major	MedT 101-102	1	2
Major	MedT 104	0	2
Adjunct	Chem 109/113-110/114	4	4
Adjunct	BioSc 101-102	4	4
Common Curriculum	Math 115	3	0
Common Curriculum		3	3
		15	15
		30	

Summer Session		
Adjunct	BioSc 209	4
		4

Sophomore		**F**	**S**
Major	MedT 201	2	0
Major	MedT 203	2	0
Major	MedT 205	0	3
Major	MedT 215	3	0
Adjunct	Chem 211/213-316/318	4	4
Common Curriculum		3	3
Common Curriculum		3	3
Electives		0	6
		17	19
		36	

[1] Because hospitals are limited by the accrediting agency to the number of students they can accommodate, the number of students accepted for training may be limited. In such cases, assignments must be handled on a competitive basis.

Junior		F	S
Major	MedT 301-302	2	2
Major	MedT 311-321	2	3
Major	MedT 313-323	2	2
Major	MedT 331	0	2
Major	MedT 333	0	2
Adjunct	BioSc 301	4	0
Common Curriculum		3	3
Common Curriculum		3	3
Elective		3	3
		19	20
		39	

Senior (Major courses taken at an affiliated hospital)		
Major	MedT 430 Clinical Microscopy	2
Major	MedT 440 Clinical Microbiology	4
Major	MedT 450 Clinical Hematology	4
Major	MedT 460 Clinical Chemistry	4
Major	MedT 470 Blood Banking	2
Major	MedT 480 Clinical Serology	2
Major	MedT 490 Clinical Parasitology	2
TOTAL: 129 sem. hrs.		20

Clinical affiliations in New Orleans are Hotel Dieu, Southern Baptist Hospital, Touro Infirmary, and United States Public Health Service Hospital.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

Chairwoman: Rochelle H. Ross Office: 309 Bobet Hall
Professor: Jesus Rodriguez (Emeritus)
Associate Professors: Rochelle Ross, Raymond Sabatini
Assistant Professors: Robert Dewell, Ingrid Hasselbach, Cassandra Mabe, Leo V. Sovinsky

The Department of Modern Foreign Languages participates in the New Orleans Consortium. The department is the language center for German and Russian. Dominican College is the French language center and Xavier University is the Spanish language center.

Students of Loyola who major in either French or Spanish receive their degree from Loyola University but follow the program of and are advised in the major by the appropriate language center.

These students should fill out a unique major contract form which is available in the dean's office. This form will indicate all the requirements necessary for a degree in either French or Spanish.

Normally all 100-200 level courses in all languages are taken at Loyola. All 300-400 level courses are taken under the auspices of the language center.

The minimum requirements for major status in the department are as follows:

1. Thirty-three hours of course work in the target language, of which an absolute minimum of 21 hours must be on the 300 level. Of these 21 hours on the 300 level, an absolute minimum of 15 hours must be literature.
2. All majors in the department must stand a comprehensive language-literature examination during their senior year. This examination will consist of two parts, a written part and an oral part. Both parts will be based upon the students' course work and a reading list approved by the department. The senior research paper thesis requirement will be waived for those students who place sufficiently high on the undergraduate program field test and who do not plan to enroll in graduate school.
3. Majors in the department will generally have a total of 21 hours of electives in their junior and senior years. All majors who are not engaged in education course work or in working toward a second major outside the department are required to demonstrate proficiency in a second foreign language. A major is required to take a total of 24 hours in adjunct courses, including at least three hours in history of the major language, and six hours of English dealing with world literature. Of 15 hours of a second language, three must be in a 300 level literature course.

BACHELOR OF ARTS — MODERN FOREIGN LANGUAGES

Freshman		F	S
Major	MFL 101-102	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Common Curriculum		3	3
		15	15
		30	

Sophomore		F	S
Major	MFL 201-202	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Elective		6	6
		18	18
		36	

Junior		F	S
Major	MFL 300 level	6	6
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		18	18
		36	

Senior		F	S
Major	MFL 300 level	6	6
Adjunct		3	3
Electives		6	6
		15	15

TOTAL: 132 sem. hrs. (not including the senior research paper) 30

Students are required to take only 12 hours of a language in their junior and senior years. Students are, however, strongly advised to take an additional three hours of a language in each semester of these years.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF PHILOSOPHY

Chairman: Rev. Alvin J. Holloway, S.J. *Office:* 411 Bobet Hall
Professors: Henry Montecino, S.J., Sandra Rosenthal, Patrick Bourgeois
Associate Professors: David Boileau, Gary Herbert, Alvin Holloway, S.J., Ann Plamondon, James Watson
Assistant Professors: Stephen Rowntree, S.J.
Visiting Professor: S. Y. Watson, S.J.
Visiting Associate Professor: John Stacer, S.J.
Visiting Lecturer: Harold Cooper, S.J.

Philosophy has a unique role to play in any liberal arts curriculum. It is a discipline which challenges the student both to reflect on his own biases and presuppositions and to put order into his thoughts. Philosophy also teaches the student to criticise the beliefs and presuppositions of other scientific disciplines. The philosopher declares any existing scientific methodology fair game for his critical probing. The philosopher reflects on human experience in its most general aspects and seeks for meanings and connections that elude more specialized or less reflective disciplines.

The student of philosophy confronts human values precisely as values. He probes the basis of ethical judgment and subjects ethical criteria to personal critical evaluation.

Philosophy provides the student with the critial apparatus he needs to live reflectively in a pluralistic society.

Overspecialization in education dulls the student's sense of possibilities beyond the narrow scope of his limited specialized field. It sacrifices the man to his social functions. By alerting the student to the dangers of overspecialization, philosophy liberates and humanizes him.

Although philosophy is an autonomous discipline and independent of theology, philosophers have often raised the questions which most preoccupy theologians. And creative philosophers have in every age provided the vocabulary for innovative theological thought.

In a word, philosophy is an indispensable part of any liberal arts curriculum. It provides a unique stimulus to thought and to relections upon human experience.

The following courses are required in philosophy for majors: logic, epistemology, metaphysics, ethics, ancient philosophy, medieval philosophy, modern philosophy, and contemporary philosophy. The normal requirements in semester hours for a philosophy major is 30 to 33 hours. Electives for majors are offered on a continuing rotational basis.

BACHELOR OF ARTS — PHILOSOPHY

Freshman		**F**	**S**
Major	Phil	3	3
Adjunct*	Consult Adviser	3	3
Common Curriculum		9	9
		15	15
		30	

Sophomore		**F**	**S**
Major	Phil	3	3
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	6
		15	18
		33	

Junior		**F**	**S**
Major	Phil	6	6
Common Curriculum		3	3
Common Curriculum		3	3
Electives		6	6
		18	18
		36	

Senior		**F**	**S**
Major	Phil	3	3
Electives		12	12
		15	15
		30	

TOTAL: 129 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

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*Students who wish to be recommended for graduate studies in philosophy must either manifest a reading knowledge in a foreign language or successfully complete 12 semester hours in one of the following: Greek, Latin, German, French, or Russian.

DEPARTMENT OF PHYSICS

Chairman: Dr. Creston A. King, Jr. *Office:* 453 Monroe Hall
Professor: Carl Brans
Associate Professors: Henry Garon, David Keiffer, Jr., Creston King, A. Ransom Marlow, S.J.

The department is dedicated to the training of undergraduates and to the preparation of our students for advanced studies. In designing the program we have taken into account the fact that a thorough understanding of the fundamental laws of nature and of the mathematical and experimental methods used in physics provide a solid background for graduate studies not only in physics but also in many other disciplines. The curriculum is quite flexible and adaptable to the individual interest of the student. The electives in the third and fourth years present an opportunity to the student to prepare for further study in areas such as oceanography, meteorology, computer science, technical management, science teaching, and medical physics.

A cooperative program with the University of Notre Dame, Notre Dame, Indiana, enables students to acquire their preengineering training at Loyola and then complete their studies at Notre Dame. Upon successful completion of the course, the student will receive a bachelor of science (physics) from Loyola and a bachelor of science in his selected field of engineering from Notre Dame.

The liberal arts-engineering "three-two" program offers the student the benefits of a small liberal arts university, the New Orleans locale, and more time in which to clearly formulate career goals. On successful completion of preengineering studies at Loyola, usually in three years and with the recommendation of the faculty, the student is guaranteed acceptance at Notre Dame as a regular student with all rights, privileges, and responsibilities of a Notre Dame student. Residency at Notre Dame will normally be for an additional two years in a field selected from aerospace, chemical, civil, electrical, engineering science, industrial, mechanical, metallurgical, and nuclear engineering.

The department's facilities, located in Loyola's Science Complex, are outstanding. Students are encouraged to participate in faculty research and in the undergraduate research participation program. This opportunity to work closely with the faculty using the sophisticated equipment of modern physics is one ot the features of the department.

The regular B.S. physics degree requires credits in physics including those physics courses explicitly named below.

The degree B.S. physics (honors) will be granted to those students who obtain a quality point ratio of 3.0 or better in physics and mathematics and complete a thesis based on their senior year research. In addition, all seniors must pass written and oral comprehensive examinations. A pass in the written comprehensive is obtained by scoring above the fiftieth percentile on the Undergraduate Program field test.

BACHELOR OF SCIENCE — PHYSICS

Freshman		F	S
Major	Phys 100-100	0	1
Major	Phys 111-112	5	5
Major	Phys 240-241	1	1
Adjunct	Math 201	0	3
Adjunct	Math 257-258	3	3
Common Curriculum		3	3
Common Curriculum		3	3
		15	19
		34	

Sophomore		F	S
Major	Phys 100-100	0	1
Major	Phys 223-224	3	3
Major	Phys 228	3	0
Major	Phys 353	0	3
Adjunct	Math 259-260	3	3
Common Curriculum		3	3
Common Curriculum		3	3
Elective	Phys 340-341	1	1
		16	17
		33	

Junior		F	S
Major	Phys 100-100	0	1
Major	Phys 220-221	3	3
Major	Phys 350-351	3	3
Major	Phys 370-371	2	2
Adjunct	Math 381	3	0
Common Curriculum		3	3
Electives		3	3
		17	15
		32	

Senior		F	S
Major	Phys 100-100	0	1
Major	Phys 360-361	3	3
Major	Phys 372	2	0
Common Curriculum		3	3
Electives		6	6
		16	13
TOTAL: 128 sem. hrs.		29	

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

BACHELOR OF SCIENCE — PRE-ENGINEERING

Freshman		F	S
Major	Phys 100-100	0	1
Major	Phys 111-112	5	5
Major	Phys 240-241	1	1
Adjunct	Math 257-258	3	3
Adjunct	Chem 111-112	3	3
Adjunct	Chem 113-114	1	1
Common Curriculum		6	6
		19	20
		39	

Sophomore		F	S
Major	Phys 100-100	0	1
Major	Phys 223-224	3	3
Major	Phys 228	3	0
Major	Phys 353	0	3
Adjunct	Math 259-260	3	3
Elective	Phys 340-341	1	1
Common Curriculum		6	6
		16	17
		33	

Junior		F	S
Major	Phys 100-100	0	1
Major	Phys 220-221	3	3
Major	Phys 350-351	3	3
Major	Phys 370-371	2	2
Adjunct	Math 381	3	0
Adjunct	CmpSc 150	0	3
Electives		3	3
Common Curriculum		3	3
		17	18
		35	

TOTAL: 107 sem. hrs.

DEPARTMENT OF POLITICAL SCIENCE

Chairman: Dr. S. J. Makielski, Jr. *Office:* 445 Bobet Hall
Professor: S. J. Makielski, Jr.
Associate Professors: Conrad Raabe, Edward Renwick
Assistant Professor: Philip Dynia

We offer the basic elements of an undergraduate political science program to all our students. With this education many of our graduates go on to law school or graduate school. Some pursue positions with corporations or in the federal, state, and municipal civil services. A few graduates embark directly on a career in politics.

As the interest in law has increased we have tailored our curriculum to accommodate this demand. Political science has traditionally been the most direct route to the study of law. We offer special programs for the student who is law school bound: the straight four year pre-law program is specially constructed through the use of adjunct courses to provide the academic background preferred by law school; the three-one pre-law program enables an exceptional student to complete the department's requirements for a B.A. in political science in three years, enter law school, and, using his first year of law school as electives, receive his political science degree after successfully completing 30 hours in law school; finally, the department offers a very specialized program for certain students who wish to complete all their degree requirements and graduate in three years. Further information on these programs is available from the department chairman.

Regardless of program, our majors are required to take a comprehensive examination before receiving a B.A. in political science.

Because of the tradition at Loyola which produces many of the politicians of the area, we have a special interest in urban and state politics, particularly New Orleans and Louisiana politics. In 1967 the Institute of Politics was established. It is an extension service to train people, mostly young professionals, in the realities of political life with a view of encouraging them to undertake a political career. The Political Science Department nominates certain outstanding undergraduates to be associated fellows in the institute program.

BACHELOR OF ARTS — POLITICAL SCIENCE

Freshman		**F**	**S**
Major	PolSc 101 — Elec.....	3	3
Adjunct	.....	3	3
Common Curriculum	.....	9	9
		15	15
		30	

Sophomore		**F**	**S**
Major	PolSc 201-202; 313-314	6	6
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		18	18
		36	

Junior		**F**	**S**
Major	PolSc 301-302; 311-Elective	6	6
Adjunct		3	0
Common Curriculum		3	3
Electives		6	6
		18	15
		33	

Senior		**F**	**S**
Major	PolSc 331-Elective	4	3
Common Curriculum		3	3
Electives		8	9
		15	15
		30	

TOTAL: 129 sem. hrs.

Specific common curriculum requirements are given in the beginning of the chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

PROGRAM IN PRE-LAW

Students who intend to enroll in the Loyola Law School are strongly urged to complete an undergraduate degree first because the law school prefers students who have completed four years of undergraduate work. However, the College of Arts and Sciences along with the law school offers the combined pre-legal degree program. This program is designed to give the student a bachelor's degree after three years of exceedingly good work in A&S and one year in the School of Law.

The program shown below is merely a list of suggested courses to be taken to enter law school without an undergraduate degree.

Academic advising for students who desire to follow this program is available through the departments of English, history, modern foreign languages, philosophy, political science, psychology, and sociology.

COMBINED DEGREE

College of Arts and Sciences — 3 years

Major (Must be completed before law school)..... (minimum) 30 sem. hrs.
Adjunct (Requirements determined by department offering major and must be completed before law school).....*sem. hrs.
Common Curriculum.....42 sem. hrs.

School of Law — 1 year

Electives.....*sem. hrs.

*minimum requirement of 128 sem. hrs.

The undergraduate program examination in major must be taken.

DEPARTMENT OF PSYCHOLOGY

Chairman: Gerald S. Clack, Ph.D. *Office:* 431 Monroe Hall
Associate Professors: Paddy A. Doll, H. J. Fagot, S.J., G. S. Clack
Assistant Professors: J. D. Williams, K. W. Jacobs
Lecturer: Marjorie Dachowski

Today psychology plays an important part in the background that every well educated American should have. For this reason the department emphasizes the contribution that psychology can make to the liberal education of all students. At the same time the departmental program is designed to provide a thorough base of knowledge and skills for those students who are preparing to enter graduate study with the goal of becoming professional psychologists as well as those desiring a terminal degree in psychology without plans for graduate education.

Since the undergraduates who participate in the psychology program have a rich variety of goals, the department makes it a conscious aim to individualize both the learning process and the curriculum of instruction.

The Psychology Department offers courses in a variety of formats for students whose major field of concentration is not psychology. These courses are designed to help the student in other fields become intelligent "consumers" of psychology in the modern world. These courses may not be counted for psychology majors toward their degree requirements.

The bachelor's degree program leading to the B.A. in Psychology consists of two rather different parts: 1) the integrated subcurriculum, and 2) the upper division program.

Beginning and transfer students enter the integrated subcurriculum where they can proceed at their own pace to master the basic fundamentals needed for further work. This program consists of four courses which require a high degree of mastery. Only when this high level of mastery has been demonstrated beyond any doubt does the student proceed to advanced level work.

Higher level instruction for the psychology major is done with heavy reliance on close work with a faculty tutor who directs the student in the choice of areas of study, adjunct courses, and outside readings designed with the goals and hopes of the individual student in mind. This permits maximum flexibility in the planning and efficient carrying out of a truly personalized undergraduate education.

MAJOR REQUIREMENTS FOR PSYCHOLOGY

Total hours in psychology is 33 divided as follows:

1. Integrated Subcurriculum *12 hours*
   Four courses taken in sequence. All are modular, concept-mastery in format. Although the student may register for only one of these each semester he *may*, by pacing, himself complete the work for one course and begin (in the same semester) the work for the next course in sequence.

a. Introduction to Psychology 3 hours
b. History of Psychology 3 hours
c. Introduction to Psychological Research 3 hours
d. Statistics and Methodology 3 hours

2. Upper Division Work *21 hours*

These 21 hours constitute approximately seven content areas. All work is done in a modified tutorial mode. Each semester the upperdivision major selects, by mutual agreement, a faculty tutor who will supervise the student's learning experiences regardless of what course title the student is enrolled in. For each formal course title faculty tutors have an established list or set of behavorial objectives. The student's demonstration of concept mastery constitutes passage of the course and determination of course grade. The goal of upper division work is to prepare each individual in the best way possible to achieve the goals and objectives he has selected.

Adjunct Courses

The department maintains no set number or list of required adjuncts. Each student selects with his advisor/tutor an appropriate set of adjuncts which will maximize his preparation for achieving his own goals.

Nationally Standardized Testing

In the first term of the major's last year he takes the psychology field test from the Undergraduate Program set. This nationally standardized test compares each major with all other graduating majors in psychology.

BACHELOR OF ARTS — PSYCHOLOGY

Freshman		**F**	**S**
Major	Psyc 100-110	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		15	15
		30	

Sophomore		**F**	**S**
Major	Psyc 200-205	3	3
Adjunct	Consult Adviser	3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		15	15
		30	

Junior		**F**	**S**
Major	Upper Division Courses	6	6
Adjunct	Consult Adviser	3	3
Common Curriculum		3	3
Common Curriculum		0	3
Electives		6	3
		18	18
		36	

Senior		**F**	**S**
Major	Upper Division Courses	6	3
Adjunct		3	3
Common Curriculum		3	6
Electives		6	3
		18	15
		33	

TOTAL: 129 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF RELIGIOUS STUDIES

Chairman: Rev. Stephen J. Duffy *Office:* 408 Bobet Hall
University Professor: C. J. McNaspy, S.J.
Professor: Sean Freyne
Associate Professors: Stephen J. Duffy, James Gaffney, Fara Impastato, O.P.
Assistant Professors: Gerald Fagin, S.J., Vernon Gregson, S.J.
Lecturers: Rabbi Leo A. Bergman, John Payne, S.J.

The academic study of religion is a high priority in a university that is both Catholic and Jesuit. This study is pursued in a spirit of free intellectual inquiry. The immediate concern of the religious studies program is to achieve an understanding of man as a religious believer and of the impact of religion upon his existence. This means that religion is reflected upon as a force that has shaped and been shaped by man's social, political, scientific, and ethical concerns. Since Loyola is a Catholic university, these studies are undertaken from within the perspective of the Catholic tradition. Nevertheless, the Department of Religious Studies is ecumenical both in the composition of its faculty and in its outlook. In no sense is the department concerned to indoctrinate but to understand

Students electing to major in religious studies are assigned a faculty advisor on entrance into their program. Majors are required to complete 36 semester hours of religious studies. All majors are required to take these eight courses: Introduction to Religious Studies, Introduction to the Old Testament, Introduction to the New Testament, Patristic Theology, Medieval Theology, Post-Reformation Christian Theology, Introduction to Christian Ethics, and a Seminar for Majors. An adjunct, preferably in philosophy, history, sociology, or psychology is to be determined by the student and his advisor. Majors are strongly urged to complete 12 hours of a modern foreign language. Seniors must complete a research project or take a comprehensive examination.

BACHELOR OF ARTS — RELIGIOUS STUDIES

Freshman		F	S
Major	RelSt 103	3	0
Major	RelSt 200/RelSt 220	3	3
Common Curriculum	Phil 103/ Engl 103	3	3
Common Curriculum	Hist 103/ Math 103	3	3
Common Curriculum	Science 103	3	0
Electives		3	9
		18	18
		36	

Sophomore		F	S
Major	RelSt 310/RelSt 311	3	3
Major	RelSt 312	3	0
Adjunct		3	6
Common Curriculum		3	3
Electives		6	6
		18	18
		36	

Junior		F	S
Major	RelSt 240	6	6
Adjunct		3	3
Common Curriculum		3	3
Electives		6	6
		18	18
		36	

Senior		F	S
Major	RelSt 450	3	3
Common Curriculum		3	3
Electives		9	9
		15	15
		30	

TOTAL: 138 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

CONSORTIUM DEPARTMENT OF SOCIAL WORK

Loyola — Dominican — Xavier

Chairman: John H. Fulwiler
Associate Professor: Sally Seaman (Loyola), Carroll Rogers (Dominican)
Assistant Professors: Susan Robbins (Dominican), John H. Fulwiler (Xavier), Barbara Laughlin (Loyola)
Instructors: Elaine C. Baylor (Xavier), Irenita Brooks (Xavier)
Field Supervisors: Debra Alexader, Sylvia Bush, Barbara Collins, Elvie Drummond, Lena Flint, Jim LeBlanc, Joan Miltie, John Penny, Mary Deckleman Quaid, Dorothy Randolph, Elizabeth Rayne, Herdine Scott

The program is predicated on the belief that in a complex and rapidly changing society, the need for agents of social service delivery is great. Optimization of opportunities and protection of rights are responsibilities which the social work profession must be prepared to address. This commitment to the needs of our society must be balanced by a sound intellectual preparation in both the theory and practice of social work and the liberal arts. The purpose of the social work program is to provide the students with undergraduate preparation leading to a baccalaureate degree in social work, which enables one to directly enter into the social service occupations or enter into graduate education leading to an advanced degree in social work.

PROGRAM REQUIREMENTS

Students electing social work as a major must earn a total of 37 hours, consisting of all the required courses within the program sequence. The required courses for social work majors are: Introduction to Social Work, Social Welfare as Institution, Human Behavior and the Social Environment, Human Growth and Development, Principles and Methods of Social Work Practice, Social Policy, Field Instruction I, Field Instruction II, Social Work Research, Social Work Practice I, and Social Work Practice II.

These required courses are taught both semesters; elective courses are taught in alternating semesters. Adjunct courses for social work majors are identified in the four year plan.

BACHELOR OF ARTS — SOCIAL WORK

Freshman		**F**	**S**
Major	SocW 101-201	3	3
Adjunct	Lower Division[1]	3	3
Common Curriculum		6	6
Electives		3	3
		15	15
		30	

Sophomore		**F**	**S**
Major	SocW 300	3	0
Adjunct	Lower Division[1]	6	3
Common Curriculum		6	6
Electives		3	9
		18	18
		36	

Junior		**F**	**S**
Major	SocW 405-302	4	4
Major	SocW 303	3	0
Adjunct	Upper Division[2]	6	9
Common Curriculum		3	3
		16	16
		32	

Senior		**F**	**S**
Major	SocW 400	0	3
Major	SocW 407-408	3	3
Major	SocW 401-402	4	4
Common Curriculum		6	6
Electives		3	0
		16	16
		32	

TOTAL: 130 sem. hrs

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[1] Introduction to sociology, psychology, political science, economics, "minority content."

[2] Organizations in Society (Socl), Bureaucracy and Public Policy (PolSc), Personality Survey (Psy), Principles of Macroeconomics (Econ), and Families in Crisis (SocW).

DEPARTMENT OF SOCIOLOGY

Chairman: Dr. Jerrol M. Seaman *Office:* 443 Bobet Hall
Professor: Joseph H. Fichter, S.J.
Associate Professors: Pedro Hernandes, Jerrol Seaman
Assistant Professor: Edward B. Arroyo, S.J.

Sociology is the scientific study of society, social organization, and social relationships. Professional sociologists devote their energies to the study of how society operates, how it got to be the way it is, and where and how it is likely to change in the future. Such knowledge is obviously of great relevance in today's world. Regardless of the student's chosen career or field of study, reliable knowledge of society and its organized operations will enhance the rational and informed decision-making of leaders in many fields, whether law, government, business, or education. Accordingly, the Department of Sociology issues to all Loyola students an invitation to sociology, even if only for one or two semesters.

The BA degree in sociology is designed to prepare students for entrance into graduate or professional schools, and also to provide a thorough background in sociology for either vocational or general life purposes, i.e., for careers in public or private agencies where a solid background in the social sciences is expected or preferred.

REQUIRED COURSE

The major in sociology consists of 35 semester hours of sociology courses, with Introduction to Sociology, Sociological Theory, Statistics, and Research Methods required courses for all majors. These required courses and others which make up the 20 semester hours of required courses for majors are designed to acquaint the student with the social forces and process which shape contemporary society, and also to provide a thorough foundation in major sociological concepts, theories, and research techniques. In addition, all majors are required to complete a Field Practicum course, where they are expected to apply sociological knowledge while carrying out an independent research project or assisting in the delivery of needed social services in the local community.

MAJOR ELECTIVE COURSES

In addition to required courses which provide a firm foundation in the fundamentals of sociology, the department offers a variety of other courses of interest to majors and non-majors alike. For example, courses dealing with social problems, social trends and movements, minority relations, social change, social policy, family life, and criminology are of interest to all of us by virtue of our participation in society. To round-out the degree program, each sociology major, in consultation with his or her academic advisor, will select a set of five elective courses in sociology (15 semester hours) which best meet his or her particular interests or needs.

GRADUATE RECORD EXAMINATION

All sociology majors are required to take the sociology test of the Graduate Record Examination during the first semester of their senior year. This nationally standardized examination allows Loyola sociology majors to compare their knowledge of the field with that of other graduating majors across the nation. While no minimum score on the examination is required, each student, together with his or her academic advisor, will review the test results with the view toward supplementing, during the student's final semester, any deficiencies in knowledge of sociology revealed by the test results.

ADJUNCT COURSES

An adjunct course is defined as any course in related or allied fields which rounds-out or otherwise complements or broadens the subject matter of the major field. Sociology majors are specifically required to complete the introductory psychology course and one course offered by the Department of Political Science. The remaining adjunct courses are selected by each student, in consultation with the academic advisor, consistent with his or her particular interests or needs. A total of 15 semester hours of adjunct courses are required.

DEPARTMENTAL EMPHASIS

The Department of Sociology continues to make a special effort to acquaint students with the New Orleans urban region and to commit the resources of students and faculty alike in finding solutions to the social problems of this area.

BACHELOR OF ARTS — SOCIOLOGY

Freshman		F	S
Major	Socl 101-Elec	3	3
Adjunct		3	3
Common Curriculum	Math 115	3	3
Common Curriculum		3	3
Electives		3	3
		15	15
		30	

Sophomore		F	S
Major	Socl 225-Socl 326	4	4
Adjunct		3	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		6	6
		19	19
		38	

Junior		F	S
Major	0239 140-Socl 308	3	3
Major		3	0
Adjunct		0	3
Common Curriculum		3	3
Common Curriculum		3	3
Electives		3	3
		15	15
		30	

Senior		F	S
Major	Socl Electives and Socl 394	6	6
Common Curriculum		3	3
Electives		6	6
		15	15
		30	

TOTAL: 128 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design*. Refer to *A&S Common Curriculum* in index for page number.

DEPARTMENT OF VISUAL ARTS

Chairman: Bro. Gebhard Fröhlich, S.J. *Office:* 1st Floor Bobet Hall
Associate Professor: Bro. Gebhard Fröhlich, S.J.
Assistant Professors: Ignatius D'Aquila, William M. Grote
Lecturers: R. G. Brown III, John Preble

The faculty in the Department of Visual Arts teaches and guides their students toward the appreciation and experience of creativity in the visual arts, that area of expression which is so uniquely human. They attempt to let the student become aware of man's creative abilities, both in themselves through work in the studio and in others through exposure to the cultural achievements of different people and times. This helps them towards the emergence of their individual personality, their own creative talents, and a deeper commitment towards the continuing contributions to the cultural fabric.

Classes are arranged whereby students may concentrate on their projects at long intervals of time rather than at short periods interrupted by other academic requirements. Art majors have classes on Mondays, Wednesdays, and Fridays exclusively for this purpose. Courses like Art Fundamentals and Basic Drawing introduce the student to the rediscovery of color and shape, of point and line, and of all elements of art. After adequate familiarity with materials and an introduction to design, advanced students are encouraged to tackle problems in new materials. For this purpose classes in ceramics and sculpture provide experience with new dimensions. Photography also offers innovative opportunity for image-making, often in conjunction with the Communications Department.

Aesthetic, psychological and historical approaches are important for art students. For this purpose classes are offered in Art of the Child, Art Therapy, and in Art History. Art History classes embrace survey courses and also concentrations in periods, all with an effort to provide a comprehensive knowledge of the artistic achievements of the past and their significance for us today. Students eager to pursue art history have, in addition to Loyola's own library resources, several nearby art libraries, all within convenient proximity to our campus. A host of private and public libraries in cultural New Orleans make the study of art at Loyola more rewarding and meaningful.

The Department of Visual Arts helps students to pursue individualized studies where this can be done. Courses in other departments can be cross-referenced for credit in Visual Arts, in order to structure the curriculum to suit the student's particular talents and goals. Departments of Drama and Speech, and of Communications have successfully cooperated with this system. In this way, students may widen their knowledge and conveniently fulfill academic requirements for credit.

BACHELOR OF ARTS — VISUAL ARTS

Freshman		**F**	**S**
Major	VsArt 100-101	3	3
Major	VsArt 110-111	3	3
Major	VsArt 210-211	3	3
Common Curriculum		3	3
Common Curriculum		3	3
		15	15
		30	

Sophomore		**F**	**S**
Major	VsArt 200-201 or 308-309	3	3
Major	VsArt 204 and 252	3	3
Major	VsArt 221 and 235	3	3
Elective		3	3
Common Curriculum		3	3
Common Curriculum		0	3
		15	18
		33	

Junior		**F**	**S**
Major	Area of concentration[1]	3	3
Major	Secondary area[1]	3	3
Common Curriculum		3	3
Common Curriculum		3	3
Elective		3	3
Elective		1	1
		16	16
		32	

Senior		**F**	**S**
Major	VsArt 398-399[2]	3	3
Common Curriculum		3	3
Common Curriculum		0	3
Electives		9	9
		15	18
		33	

TOTAL: 128 sem. hrs.

Specific common curriculum requirements are given in the beginning of this chapter under *Curriculum Design.* Refer to *A&S Common Curriculum* in index for page number.

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[1] At the conclusion of the sophomore year, students will be evaluated and required to choose an area of concentration (e.g. painting, sculpture, etc.) and a secondary area of concentration.

[2] Must be executed in area of concentration.

COLLEGE
OF
JSINES
ADMINISTRATION

COLLEGE OF BUSINESS ADMINISTRATION

Dean: Joseph M. Bonin, Ph.D. *Office:* 210 Stallings Hall
Assistant Dean: James R. Ramsey, Ph.D.
Professors: Joseph M. Bonin, Allen I. Boudreaux, Henry J. Engler, G. Wallace Leftwich, G. Ralph Smith, George W. Trivoli, Jacques E. Yenni, S.J.
Associate Professors: Jesse T. Barfield, William Barnett, John E. Cave, Ronald C. Christner, John Dardis, Thomas F. Griffin III, Robert J. Keller, Shu-Jan Liang, Jagdish M. Mehta, Margaret A. Paranilam, A. George Petrie, Michael T. Saliba II
Assistant Professors: Ronald P. Allison, S.J., Claire J. Anderson, Joseph Abramson, James H. Baskett, John Brockhoeft, John C. Folkenroth, Arthur R. Kagle, C. Vincent Olson, James R. Ramsey, John E. Robbins, Kernion Schafer, William Weissborn

The college, founded in 1947, is accredited by the American Assembly of Collegiate Schools of Business and the Southern Association of Colleges and Schools.

It holds membership in the American Association of Colleges and Secondary Schools, Association of American Colleges, Jesuit Educational Association, National Catholic Educational Association, Southern Association of Colleges and Schools, the Southern Business Administration Association, and the Southwestern Business Administration Association.

DEGREES

BACHELOR OF BUSINESS ADMINISTRATION (BBA) with concentrations in accounting, economics, finance, general business, international business, management, and marketing.

BACHELOR OF PUBLIC ADMINISTRATION (BPA)

MASTER OF BUSINESS ADMINISTRATION (MBA)

MASTER OF BUSINESS ADMINISTRATION/JURIS DOCTOR (MBA/JD) program.

OTHER PROGRAMS are double concentrations, secondary concentrations in broadcasting and computer science, pre-law, secondary concentration in business administration, associate of science diploma in business administration.

OBJECTIVES

The principal objective of the College of Business Administration is to prepare its graduates for entrance into business and government and for advancement to high level management positions.

Programs in the College of Business Administration include examination of administrative principles and quantitative approaches to decisionmaking common to both business and government. These programs stress the points at which major policy decisions of either business or

government must give consideration to related policy decisions of the other. Emphasis is placed on the fact that management education is not limited to organizational techniques but is, in the broadest sense, education for management responsibility.

It is the policy of the college to emphasize a broad fundamental education as the best preparation for positions carrying management or administrative responsibility.

Undergraduate programs concentrate the first two years in a broad liberal arts curriculum drawn from the social sciences, humanities, quantitative methods, and a limited number of courses in business or public administration. Students in the junior and senior years expand their work to include 1) the functions of business and government, 2) the economic and legal aspects of business and government, 3) the implications of modern analytical techniques based on quantitative methods, 4) the study of organization theory and human relations, and 5) the practice of problem-solving techniques.

In addition to these rather broad goals, the programs in this college have some specific curricular objectives. The courses are divided into three groups:

1. The arts and sciences background courses constitute nearly one half of the program and are designed to free the future executive from the limitations of a restricted technical education. Students are required to take and select courses in the College of Arts and Sciences during their degree programs. The general purpose of these courses is to provide the student with a "values" orientation as a foundation for his personal philosophy.
2. A lesser portion of the courses is in the field of economics and is designed to equip the future business leader with a broad knowledge of economic principles, problems, and analytical processes in our own country and in the principal regions of the world.
3. The professional courses in these programs constitute about 40 percent of the total courses taken and are divided into two groups:
    a. Courses designed to give broad comprehension in all of the major fields of administration including studies in the fields of accounting, law, finance, management, marketing, and statistics.
    b. The fields of concentration include a limited number of upper-division courses in each of the functional fields of business and public administration.

SUMMARY OF PURPOSE

In order to provide students with a common body of knowledge of business or governmental administration, programs include the equivalent of at least one year of work comprising the following areas:

1. In the case of business enterprise, a background of the concepts, processes, and institutions in marketing and distribution, pro-

duction, and financing functions; in the case of governmental administration, a background of concepts, processes, and institutions of planning, organizing, controlling, budgeting, personnel practices, and policy formulation.

2. A background of the economic and legal environment of business and government enterprise, along with consideration of social and political influences.
3. A basic understanding of the concepts and methods of accounting or budgeting, quantitative methods, and information systems.
4. A study of organization theory, interpersonal relationships, control and motivation systems, and communications.
5. A study of administrative processes under conditions of uncertainty, including the integration of analysis and policy determination at the overall management level.

FRATERNITIES AND PROFESSIONAL SOCIETIES

To give recognition and encouragement to high standards of scholarship among business administration students, several honorary scholastic fraternities and organizations have been established.

Beta Alpha Psi — The purposes of this national professional and honorary fraternity are to stimulate interest and cooperation in accounting; to encourage and foster the ideal of service as the basis of the accounting profession; to promote the study of accountancy and its highest ethical standards; to act as a medium between professional men, instructors, students and others who are interested in the development of the study or profession of accountancy; to develop high moral, scholastic and professional attainments in its members; and to encourage cordial exchanges among its members and the profession generally. Accounting majors of junior standing with a 3.00 quality point average in four completed accounting courses and a 2.50 average in all other subjects shall be considered for election to membership.

Beta Gamma Sigma — The purposes of this national honor society are to encourage and reward scholarship and accomplishment among the students of business administration; to promote the advancement of education in art and science of business and to foster integrity in the conduct of business operation. Only seniors who rank in the upper tenth of their graduating class and juniors among the highest four percent of their class are considered for election to membership.

Delta Sigma Pi — Delta Sigma Pi is an international professional commerce society. Its purposes are to foster the study of business in universities, to encourage scholarship, social activities and the association of students for their mutual advancement by research and practice; to promote closer affiliation between the commercial world and students of commerce; and to further a high standard of commercial ethics and culture and the civic and commercial welfare of the community.

American Marketing Association — As a professional society, the AMA encourages and strengthens working relations between those studying marketing in the classroom and executives practicing marketing in

business. The resulting exchange of ideas, knowledge, and experience is mutually beneficial. Meetings regularly feature business leaders on both the local and national level. In addition, the monthly luncheon meeting of the New Orleans Chapter of AMA is attended by students, faculty, and businessmen in marketing. The AMA promotes professional conduct in marketing through a wide range of social and technical activities.

Public Administration Association — This organization is open to all public administration, pre-law, and political science majors who are in good academic standing. The objective of this organization is to give its members an exposure to the working of the public sector at all levels — federal, state, and local. Field trips to various governmental agencies and a speaker series are the primary agenda of the organization. These activities broaden the student's classroom work in public administration courses by giving them an exposure to the practice of public sector management.

CREDIT FROM OTHER COLLEGES

Advanced standing may be granted for work successfully completed at accredited institutions of higher learning. Transfer credits acceptable for admission purposes shall be valid for degree credit in the college only to the extent to which they represent courses acceptable in the curricula of the college.

The college will not accept transfer credit for any course in which a grade lower than C has been received. Credit will not be allowed for business courses completed at the freshman-sophomore level that are offered at the junior or senior level in this college.

ACADEMIC WORK LOAD

A full-time student not on probation may not ordinarily take more than 18 semester hours. A student employed more than 24 hours a week, who is not on probation, may not take more than 12 semester hours.

A full-time student whose quality-point index is 3.5 or higher may not take more than 21 semester hours. A student employed more than 24 hours a week, whose index is 3.5 or higher, may take up to 15 semester hours.

A student who accepts employment after registration or at any time during a semester must report immediately to the dean, so that his program may be adjusted if necessary.

Exception to these rules requires approval of the dean.

GRADUATION ELIGIBILITY

In order to graduate, a student must meet the graduation requirements of the university and have a grade point average in his field of concentration of at least 2.0. The field of concentration includes the required courses and courses taken as professional electives.

The college requires all sophomores and transfer students to take a non-credit course in interpersonal communications.

USE OF CORRECT ENGLISH

Any student whose written or spoken English in any course is unsatisfactory may be reported by the instructor to the dean. The dean may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed for failure to make up such deficiency in English to the satisfaction of the dean.

RESIDENCE

A minimum of 30 semester hours must be completed while registered in the College of Business Administration. This requirement applies to students transferring within the university as well as to students transferring from other institutions. Summer work may be counted toward the residence requirement, but in no case may the period of residence aggregate less than 30 weeks. Unless special permission is granted by the dean to pursue work elsewhere, the work of the senior or final year must be completed in the College of Business Administration.

Students enrolled in the Associate of Science diploma in Business Administration program must complete the last 30 semester hours while registered in the college.

INTERNSHIPS

The College of Business Administration offers its students the option of obtaining college credit by participating in the student internship program. This program recognizes that a student may be able to learn certain skills or acquire certain kinds of knowledge easier or more effectively working in a business or governmental environment than in the classroom. Local business and government agency jobs are available which provide this type of professional experience during a student's undergraduate college program.

Students interested in such a program must initiate a formal internship application, available in the dean's office, indicating the nature of the job, the number of credit hours requested (normally three semester hours), the student's academic status, and the benefits the job is expected to have in the student's professional program. Each internship application is subject to the approval of the faculty in the student's major program and the dean. Typically internships are granted to students in the last two years of their program who have achieved a 2.5 grade point average in the previous semester, an overall grade point average of 2.5 at Loyola and a 2.5 grade point average for all business courses taken at Loyola. Students may earn a maximum of three semester hours of internship credit in any one semester. In no case will more than six semester hours of internship credit be granted to any student during his college career.

Internship credit requires that the student prepare, at a minimum, a summary of the experience indicating the contribution the program had in his professional development. Additional evaluative documents may be required. Compensation arrangements for the internship must be worked out in advance between the student and the employer and stu-

dents should receive compensation commensurate wtih the responsibilities of the position. Participants in the program are urged to consult with their advisors early in their degree program so as to minimize potential scheduling problems. Additional information may be obtained from the assistant dean.

NONBUSINESS ELECTIVES

Courses which may be taken as elective courses in the College of Arts and Sciences include such areas as the social sciences, foreign languages, speech, communications, mathematics, computer sciences, religious studies, philosophy, the physical sciences, and military science. Specifically excluded are those arts and sciences courses listed in the degree program of this college. Students may also enroll in courses in the College of Music. City College courses, except those in the business field, which a student desires to take requires approval of the dean.

MILITARY SCIENCE

Students receive full credit for all military science courses taken. However, these credits may be applied only towards the nonbusiness elective portions of the curricula.

PREREQUISITES

Most courses have specific prerequisites. Students may not register for courses until they have met the prerequisites listed in the course descriptions. It is the students' responsibility to familiarize themselves with the course prerequisites.

BBA PROGRAMS AND DEGREE REQUIREMENTS

Programs in economics, finance, general business, international business, management, marketing, and pre-law do not require specific electives until the third year.

The program in accounting requires specific courses beginning with the second year.

The Bachelor of Business Administration (BBA) degree consists of 126 semester hours (except for minor variations) and has essentially five parts: 1) specific required liberal arts courses (English, mathematics, economics, behavioral sciences, and computer science — 24 hours); 2) common curriculum courses (religious studies, philosophy, English, physical science and other approved common curriculum offerings — 24 hours); 3) nonbusiness electives (12 hours); 4) specific required business core courses (all functional fields — 42 hours); and 5) professional business electives (24 hours). All BBA students must complete these courses (shown below) except for minor variations in the accounting program.

Course	Sem. Hrs.
Common Curriculum	
Introduction to Religious Studies (RelSt 103)	3
Religious Studies Elective	3
Introduction to Philosophy (Phil 103)	3

Ethics (Phil 302)	3
Composition (Engl 103)	3
Physical Science	3
Electives	6
English Elective	3
Mathematics (Math 115-116)	6
Principles of Economics (Econ 200-201)	6
Behavioral Science (Mgt 105)	3
Business Law I (LgSt 200)	3
Computers for Management (CmpSc 110)	3
Fortran I (CmpSc 161) or Cobol I (CmpSc 171)	3
Non-Business Electives	12
Business Statistics I & II (DecSc 200-201)	6
Principles of Accounting (Acct 100-101)	6
Managerial Accounting (Acct 200)	3
Financial Management (Fin 300)	3
Financial Institutions (Fin 310)	3
Principles of Management (Mgt 300)	3
Basic Marketing (Mkt 300)	3
Production Management (Mgt 325)	3
Linear Programming & Regression Analysis (DecSc 300)	3
Business Policy (Mgt 445) or Small Business Institute (Mgt 440)	3
Moral & Social Responsibility of Organizations (AEth 415)	3
Professional Business Electives	24
TOTAL	126

PROGRAM IN ACCOUNTING

The accounting curriculum is designed to prepare the student to be a professional accountant. The student who takes advanced studies in accounting prepares himself for a career as a professional accountant in the areas of private, commercial, and industrial accounting; public accounting; governmental service; or teaching.

The accounting program differs slightly from other BBA programs because of its clear relationship to a particular profession. More specifically, accounting students do not take Managerial Accounting, but take a second business law course in addition to the general BBA requirements. Further, the total number of semester hours required for the concentration in accounting is 132, with the following required professional electives in the student's program: Acct 205-206, Acct 400-401, Acct 300, Acct 410-411, Acct 405, one 300 or 400 level accounting elective (except Acct 305), and one professional elective.

Students interested in this field of concentration are urged to see their advisors early in their program to avoid any scheduling difficulties.

PROGRAM IN ECONOMICS

The economics curriculum is designed to provide students with a fundamental understanding of economic processes. Emphasis is on the conceptual framework and analytical skills necessary to an understand-

ing of complex interrelationships among individuals, businesses, and governments, as they relate to the economic aspects of life, particularly with reference to modern industrial market economies. The program also is designed to enable students to function as intelligent and informed citizens and to be prepared for careers in business, industry, and government. Further, the program provides an excellent basis for graduate study in economics or business as well as an excellent preparation for law school.

In addition to the requirements for all students in the BBA program, the requirements for a concentration in economics are Econ 400, 401, and an additional 12 hours of 300 or 400 level economics courses.

PROGRAM IN FINANCE

Students majoring in finance have the opportunity of selecting courses placing an emphasis on the corporate, investment, and institutional aspects of the field. Completion of the degree requirements will allow direct entry into the graduate program, assuming other entry requirements are met.

In addition to Financial Management (Fin 300) and Financial Institutions (Fin 310) which are required of all BBA students, finance majors are required to take Investments (Fin 315), Advanced Financial Management (Fin 400), and Management of Financial Institutions (Fin 410). Finance majors also must complete three additional courses (9 semester hours) from among the following: Fin 200, any 300 or 400 level finance courses, Acct 314, 315, Econ 305, 400, 401 and Mgt 440.

Only two of the three elective courses may be non-finance courses, and Mgt 440 may be taken only if Mgt 445 is taken in satisfaction of the core requirement.

Students taking a double concentration in finance and management may take Mgt 440 in satisfaction of the professional elective portion of the finance or management curricula, but not both.

Finance majors are urged to see their advisor during their sophomore year to plan their program and avoid sequencing or prerequisite problems during their last two years of course work. Some courses with narrow appeal or courses specifically constructed upon request may only be offered every other year.

PROGRAM IN GENERAL BUSINESS

The program in general business is designed specifically to give students maximum flexibility in their undergraduate business program. Students choosing the general business option must meet all general BBA degree requirements but have freedom to choose their professional business electives from any of the functional business fields, including accounting, decision science, economics, finance, management, marketing, administrative ethics, legal studies, and international business provided that no more than 12 of the 24 semester hours of professional electives be taken in any one area, including the series of international business courses.

Course prerequisites must of course be satisfied and taken into account in planning this program, but, beyond this, any 300 or 400 level business offering may become part of the program.

This program is particularly attractive for students who intend to go on for more advanced studies in business administration or other professional fields such as law.

PROGRAM IN INTERNATIONAL BUSINESS

This curriculum is designed to give the student a broad preparation for a career in international business. In addition to the requirements for all BBA majors, international business majors must take the following courses:

Acct 305— International Accounting
Econ 305— International Economics
Fin 325 — International Finance
Mgt 315 — Management for International Business
LSt 300 — International Law (or PolSc 317 International Law and Organization)
Mkt 330 — International Marketing

Students in this program are encouraged to take Business Logistics (Mkt 405) as an elective and to become fluent in two languages, if they are not already.

Students taking a double major in international business and management may take Mgt 315 in satisfaction of the professional elective portion of the international business curricula or of the management curricula, but not both.

PROGRAM IN MANAGEMENT

The purpose of the undergraduate program in management is to provide professional education to students who are seeking positions of leadership in business and industry. Further, the program is designed to furnish an adequate foundation for graduate study in business administration.

Students gain a fundamental knowledge of accounting, decision science, economics, finance, and marketing through the business core curriculum required of all in the college. The management option provides an opportunity for students to enhance knowledge and skills in the process of management, as well as in the analysis, design, and operation of complex management systems.

In addition to the management courses required in the business core curriculum, students majoring in management are required to select a minimum of 12 semester hours of 300 or 400 level management courses.

Students taking a double major in management and international business may take Mgt 315 in satisfaction of the professional elective portion of the management curricula or of the international business curricula, but not both.

PROGRAM IN MARKETING

The trend toward consumerism compels a marketing orientation cognizant of social as well as economic consequences of the firm's operation. The design of the program emphasizes managerial decision-making directed to the marshalling of human and material resources in the effective marketing of goods and services.

The program in marketing, therefore, is oriented toward enabling the student to engage the economic and social dimensions inherent in the dynamics of marketing, and to work with the means of solving marketing problems and making informed decisions from a managerial standpoint. The program is expected to form the foundations for future marketing executive responsibilities and/or for graduate level studies.

Students planning to major in marketing should consult their respective advisors early in order to properly coordinate their program of studies with possible nonbusiness electives.

The courses which are required in the program in marketing (other than those required of all BBA students) are:

Mkt 305 — Consumer Behavior
Mkt 400 — Marketing Research
Mkt 450 — Advanced Marketing Strategy

Beyond these, the student majoring in marketing must select no less than six hours from among the following courses:

Mkt 405 — Business Logistics Management
Mkt 499 — Special Topics in Marketing
Mkt 310 — Retailing Management
Mkt 315 — Marketing Channels
Mkt 320 — Sales Force Management
Mkt 325 — Advertising
Mkt 330 — International Marketing
Mkt 499 — Individual Studies in Marketing

DOUBLE CONCENTRATIONS

Students earning the BBA may elect to take concentrations in two areas. In order to earn a double concentration, students must earn more than the minimum number of hours required for the BBA. The following list notes the minimum number of hours required for the various double concentrations:

Concentrations	Minimum Total Hours Required for Double Concentration	Hours Required Above Minimum for One Concentration
Accounting/Economics	147	15*
Accounting/Finance	141	9*
Accounting/International Bus.	147	15*
Accounting/Management	141	9*
Accounting/Marketing	147	15*
Economics/Finance	138	6
Economics/International Bus.	135	9
Economics/Management	132	6
Economics/Marketing	138	12
Finance/International Bus.	132	6
Finance/Management	132	6
Finance/Marketing	138	12
International Bus./Management	132	6
International Bus./Marketing	135	9
Management/Marketing	132	6

It is important for students desiring to earn a double concentration to see their advisor as soon as possible in order to earn the double major with the minimum number of hours. Improper selection of courses may necessitate the taking of courses beyond the minimum number indicated above.

SECONDARY CONCENTRATIONS

Students in the College of Business Administration earning the Bachelor of Business Administration may earn secondary concentrations in broadcasting or computer science.

Broadcasting

The secondary concentration in broadcasting requires the following courses:

Production Theory & Practice (Comm 110)
Communication Theory (Comm 201)
The TV Producer/Director (Comm 210);
and any three of the following courses:
TV Producing (Comm 301)
TV Analysis & Criticism (Comm 318)
Broadcast Law (Comm 382)
Business Aspects of Broadcasting (Comm 387)

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*minimum semester hours for accounting majors is 132; minimum for all other majors is 126.

Regardless of the order in which taken, the first 12 hours of credit will apply to the nonbusiness elective portion of the BBA curricula. Only then will the remaining six hours be accepted in fulfillment of the professional elective portion of the BBA curricula. Thus, proper selection of courses by students will allow them to earn a secondary concentration in broadcasting without increasing the number of hours required for the BBA, except for students taking a concentration in accounting; for whom an additional three hours is required to earn the secondary concentration in broadcasting, and for students earning a double concentration.

Computer Science

The secondary concentration in computer science requires the following courses:

Computer Science for Managers (CmpSc 110)
Fortran (CmpSc 161)
Cobol (CmpSc 171)
Data Structure (File Maintenance) (CmpSc 310)
Data Base Management (CmpSc 313)
Systems Analysis (CmpSc 400)
Computer Assisted Decision Making (CmpSc 401)

Of the courses required for the secondary concentration in computer science, CmpSc 110 and either CmpSc 161 or 171 are required for all BBA majors. Of the remaining five courses (15 semester hours), CmpSc 161 or 171 (whichever was not taken in satisfaction of the general requirement), 310, 313, 400 and 401, regardless of the order in which taken, the first four (12 semester hours) will be accepted in satisfaction of the nonbusiness elective portion of the BBA curricula. Only then will the last course (3 semester hours) be accepted in fulfillment of the professional elective portion of the BBA curricula. Proper scheduling of courses will allow students to earn the secondary concentration in computer science without increasing the number of hours required for the degree, except for students earning a double concentration.

PROGRAM IN PRE-LAW

Exceptional students are sometimes admitted to the School of Law at the end of three years of undergraduate studies. At Loyola, if a student's grades are exceptionally good and his Law School Admissions Test scores are sufficiently high, he may be admitted to the Law School under this program. At the completion of his first year of Law School with satisfactory grades and with no less than 126 semester hours of work, the student is awarded the Bachelor of Business Administration degree.

Students interested in this program are advised to see their advisors early in order to determine their possible eligibility.

BPA PROGRAM AND DEGREE REQUIREMENTS

The purpose of the undergraduate program in public administration is to prepare students for a professional career in public service. In addition the program is designed to provide a sound foundation for graduate study in public administration.

The Bachelor of Public Administration (BPA) degree consists of 129 semester hours and has essentially four parts:

1. Common curriculum courses — English, philosophy, religious studies, and other approved common curriculum offerings. 24 hours.
2. Specific required liberal arts courses — behavioral science, computer science, economics, English, mathematics, political science, and moral and social responsibility of organizations. 48 hours.
3. Specific required professional courses — accounting, finance, law, management, marketing, and statistics. 45 hours.
4. Professional electives — all functional fields of business or political science. 12 hours.

All students must complete the following courses:

Course	Sem. Hrs.
Common Curriculum	
Introduction to Religious Studies (RelSt 103)	3
Religious Studies Elective	3
Introduction to Philosophy (Phil 103)	3
Philosophy Ethics (Phil 302)	3
Composition (Engl 103)	3
Physical Science	3
Electives	6
English Elective	3
Behavioral Science (Mgt 105)	3
Moral & Social Responsibility of Organizations (AEth 415)	3
Non-Business Electives	6
Mathematics (Math 115-116)	6
Business Statistics I & II (DecSc 200-201)	6
Computers for Management (CmpSc 110)	3
Fortran I (CmpSc 161) or Cobol I (CmpSc 171)	3
American Government (PolSc 101)	3
Administrative Process (PolSc 225)	3
State & Local Politics (PolSc 250) or Urban Politics (PolSc 275)	3
Principles of Economics (Econ 200-201)	6
Economics of the Public Sector I & II (Econ 300-301)	6
Law for Public Administrators I & II (LgSt 210-211)	6
Principles of Accounting (Acct 100-101)	6
Accounting for Public Administrators (Acct 210)	3
Financial Management (Fin 300)	3
Government Finance (Fin 320)	3
Principles of Management (Mgt 300)	3
Government Labor Relations (Mgt 335)	3
Personnel Administration in the Public Sector (Mgt 340)	3
Theory & Practice of Public Management (Mgt 350)	3
Seminar in Public Administration (Mgt 430)	3
Basic Marketing (Mkt 300)	3
Professional Business Electives	12
TOTAL	129

SECONDARY CONCENTRATION FOR NON-BUSINESS STUDENTS

The College of Business Administration offers a secondary concentration in business administration. This program is available to all undergraduate students not earning a business administration degree. In addition to providing students a fundamental understanding of the basic business disciplines, this program is designed to facilitate entry into the MBA program by including the necessary prerequisites. Thus any student earning the secondary concentration in business administration may enter directly into Loyola's MBA program, providing the student's other qualifications are acceptable.

The program consists of the following courses:

Course	Sem. Hrs.
Principles of Accounting (Acct 100-101)	6
Principles of Economics (Econ 200-201)	6
Financial Management (Fin 300)	3
Business Law I (LgSt 200)	3
Basic Marketing (Mkt 300)	3
Business Statistics I & II (DecSc 200-201)	6
Principals of Management (Mgt 300)	3
TOTAL	30

The foregoing list assumes that the student has achieved adequate mathematics and computer science. This preparation is normally demonstrated as follows:

1. Mathematics by successful completion of six hours of course work including exposure to elementary calculus.
2. Computer science by successful completion of a three hour undergraduate course in computer programming or by relevant work experience.

In case a proficiency has not been achieved in a particular area additional work may be required.

ASSOCIATE OF SCIENCE IN BUSINESS ADMINISTRATION

The two-year Associate of Science program in business administration is a program for students who believe that two years of college are all that they will be able to pursue. It consists of the following courses:

Course	Sem. Hrs.
Common Curriculum	
Introduction to Religious Studies (RelSt 103)	3
Religious Studies Elective	3
Introduction to Philosophy (Phil 103)	3
Ethics (Phil 302)	3
Composition (Engl 103)	3
Physical Science	3
English Elective	3
Mathematics (Math 115-116)	6
Computers for Management (CmpSc 110)	3
Behavioral Science (Mgt 105)	3
Non-Business Electives	9
Principles of Economics (Econ 200-201)	6
Principles of Accounting (Acct 100-101)	6
Managerial Accounting (Acct 300)	3
Principles of Management (Mgt 300)	3
Basic Marketing (Mkt 300)	3
Personal Finance (Fin 200) or Business Law I (LSt 200)	3
TOTAL	66

CITY COLLEGE

Dean: Walter S. Maestri, III, M.A. *Office:* 537 Monroe Hall
Assistant Dean: Willie M. Zanders, J.D.
Associate Professors: John P. Clark, John W. Crowther, Gregory Curtin, S.J., Anthony R. Mawson, Jack Wright, Jr.
Assistant Professors: Dorothy Brown, Michael Carubba, Edwina Frank, Robert M. Hanlon, S.J., Dee Wood Harper, Patrick Hunter, S.J., Thomas Madden, S.J., Donald Martin, S.J., John McFarland, S.J., Thomas Mulcrone, S.J., William E. Thornton, Anthony Waters, Benjamin L. Wren, S.J.

City College is Loyola's way of serving the educational needs of adult learners by offering quality academic programs at night. Hundreds of students are working toward bachelor's degrees while others are taking credit and non-credit courses for professional improvement and/or personal development. Listed below are the degree programs offered through City College:

Bachelor of Criminal Justice
Bachelor of Public Administration
Bachelor of Science (Nursing Completion Program)
Bachelor of Business Administration (with a concentration in accounting or general business)
Bachelor of Liberal Studies (with a concentration in history, English, philosophy, or theology)
Bachelor of Social Studies (with a concentration in history, political science, psychology, or sociology)
Associate degree programs (requiring 64 to 66 semester hours of study) are offered in criminal justice, labor studies, and the arts.

COURSE LOAD

Most students carry six to nine semester hours. A student may not carry more than 12 semester hours unless he or she obtains permission from the dean.

EVENING AND SATURDAY COURSES

Each class meets twice per week (Monday and Wednesday or Tuesday and Thursday). The three time periods are 6:15-7:30; 7:35-8:50; and 8:55-10:10. Saturday classes are held from 9 a.m. until 11:45 a.m.

PREREQUISITES FOR SPECIFIC COURSES

City College courses have specific prerequisites, where introductory or survey courses exist. Those courses are required to be completed before any of the higher numbered courses may be scheduled. Lower division accounting, English, mathematics, and modern foreign language courses must be scheduled in sequence.

Students not enrolled in degree programs may register for courses without regard to the prerequisites subject to the approval of the instructor.

Any student who enrolls for courses for which he does not have the necessary prerequisites does so at his own peril as the instructor may insist that he withdraw from the class.

REQUIREMENTS FOR DEGREE

All degrees are granted on the basis of a minimum of 128 semester hours of applicable college work, fulfillment of the specific degree requirements as set forth below, a cumulative and Loyola quality point average of at least 2.0, and a quality point average of at least 2.0 in the field of concentration. A minimum of 32 semester hours, at least the last 32, must be spent in residence at Loyola, the last 24 hours of which must be successfully completed in City College. A minimum of 50 percent of the courses in the field of concentration must be successfully completed at Loyola University.

No more than 12 semester hours may be scheduled in any one semester without the authorization of the dean. Students on probation may schedule no more than nine semester hours.

BACHELOR OF CRIMINAL JUSTICE — English 100, 103, 200, plus three hours from 212, 213, or 214; Math 103; History 100, 101; Philosophy 103, 201, 302; Religious Studies 103, 185, 400; Psychology 101 plus any other six hours; Sociology 101 plus any other nine hours; any three hours Speech; Criminal Justice 221, 232, 365 or 204, 315 or 309, 250 or 251, plus any other 21 hours; and 30 hours which may be chosen from among all the course offerings. Total: 129 semester hours.

BACHELOR OF LIBERAL STUDIES (with concentration in theology, philosophy, history, English) — English 100, 103, 200, plus three hours from 212, 213, or 214; Math 103; History 100, 101; Philosophy 103, 201, 302; Religious Studies 103, 185, plus any other three hours; any three hours Speech; any three hours Sociology; any six hours science (Biology, Chemistry, Physics); any six hours Visual Arts; any six hours Music; any 30 hours upper division liberal arts courses, of which 18 must be in same discipline; and 36 hours which may be chosen from among all the course offerings. Total: 129 semester hours.

BACHELOR OF SOCIAL STUDIES (with concentration in history, political science, sociology, or psychology) — English 100, 103, 200, plus three hours from 212, 213, or 214; Math 103; History 100, 101; Philosophy 103, 201, 302; Religious Studies 103, 185, plus any three hours; any three hours Speech; any six hours Visual Arts and/or Music; any six hours Economics; any six hours Political Science; any nine hours Sociology; any six hours Psychology; any 18 hours upper division social science courses in the same discipline; any six hours social science courses in a discipline other than the major; and 30 hours which may be chosen from among all the course offerings. Total: 129 semester hours.

BACHELOR OF SCIENCE (NURSING COMPLETION) — English 100, 103, 200, plus three hours from 212, 213, or 214; Math 105; History 100, 101; Philosophy 103, 201, 302; Religious Studies 103, 185, plus any other

three hours; Psychology 101 plus any other six hours; Sociology 101 plus any other six hours sociology or anthropology; any three hours speech; 12 hours in general biology, chemistry, anatomy and physiology, microbiology, nutrition, or biochemistry; Nursing 301, 303, 312, 314, 401, 403, 412, 414; and nine hours which may be chosen among all the course offerings. Twenty-four hours are granted for either NLN-accredited courses and/or advanced placement exams. Total: 129 semester hours.

City College offers the following associate degree programs which require 64 semester hours and 128 quality points. No more than 30 hours of transfer credit may be applied toward an associate degree. Students regularly enrolled in City College are not expected to work toward this degree.

ASSOCIATE OF SCIENCE — CRIMINAL JUSTICE — English 100, 103, or 200 (any six hours); Math 103; Philosophy 101; Psychology 101; Sociology 101; Religious Studies 103 plus any three hours; any six hours History or Political Science; Criminal Justice 221 plus any three hours Law Enforcement; Criminal Justice 232, 365 or 204; Criminal Justice 315 plus any three hours of Criminal Law; and 16 hours which may be chosen from among all the courses offered. Total: 64 semester hours.

ASSOCIATE OF ARTS — LABOR STUDIES — English 102, 200; Math 103; Philosophy 102, 302; Sociology 101, 203, 305, 312; Religious Studies 376; History 201, 202; Political Science 275; Speech 101; Economics 200; Management 305, 334, 341; Labor Studies 270, 275; and six hours which may be chosen from among all the courses offered. Total: 66 semester hours.

ASSOCIATE OF ARTS — English 100, 103, 200, plus three hours from 212, 213, or 214; Math 103; History 100, 101; any six hours Political Science; Philosophy 101 plus any three hours; Religious Studies 103 plus any three hours; Psychology 101 plus any three hours; Sociology 101 plus any three hours; any three hours Speech; any six hours Visual Arts and/or Music; and four hours which may be chosen from among all the course offerings. Total: 64 semester hours.

The following programs are offered by City College for the College of Business Administration.

BACHELOR OF BUSINESS ADMINISTRATION (Accounting Major) — (CmpSc 110 and 161 or 171; Engl 101 and 102; Math 115 and 116; 9 hrs. of philosophy (Intro., Logic, Ethics); any 6 hours of theology; Acct 100-101-205-206-300-400-401-405-410-411-accounting elective; DecSc 200-201; Econ 200-201; Fin 300-310; Mgt 105-300-325-445 or 440; LST 200-201; AETH 415; Mkt 300; 3 hours of professional business electives; 21 hours of nonbusiness electives. Total: 132 semester hours.

BACHELOR OF BUSINESS ADMINISTRATION (General Business Major) — CmpSc 110 and 161 or 171; Engl 101-102; Math 115-116; 9 hours of philosophy (Intro., Logic, Ethics); any 6 hours of theology; Acct 100-101-200; DecSc 200-201; Econ 200-201; Fin 300-310; Mgt 105-300-325-445 or 440; LST 200; AETH 415; Mkt 300; 24 hours of professional business electives; 21 hours of nonbusiness electives. Total: 126 semester hours.

BACHELOR OF PUBLIC ADMINISTRATION— CmpSc 110 and 161 or 171; Engl 101-102; Math 115-116; 9 hours of philosophy (Intro., Logic, Ethics); any 6 hours of theology; Acct 100-101-210; DesSc 200-201; Econ

200-201-300-301; Fin 300-320; Mkt 300; Mgt 105-300-335-340-350-430; LST 210-211; AETH 415; PolSc 101-225-250 or 275; 12 hours nonbusiness electives; 12 hours professional business electives. Total: 129 semester hours.

ASSOCIATE OF SCIENCE IN BUSINESS ADMINISTRATION — Engl 101-102; Math 115-116; 6 hours of philosophy (Intro. and Logic); any 6 hours of theology; any 12 hours of nonbusiness electives; CmpSc 110; Econ 200-201; Acct 100-101-200; Mgt 105-300; Mkt 100; LST 200 or Fin 200. Total: 6 semester hours.

CONTINUING EDUCATION

Assistants to the Dean: Audrey O'Mara, Frank J. Stass, Andreas Alvarez, O.F.M.

Loyola's Continuing Education programs are conducted by City College. The programs offer academic, practical and enrichment courses, seminars, and workshops for students with a variety of interests and goals in life-long learning. Enrollment is open to all members of the community — persons in business, industry, public and private agencies, and those looking ahead to retirement.

Continuing Education courses may be awarded "continuing education units" (CEU's) to uniformly measure, record, report, accumulate, and recognize participation in non-credit courses, seminars, and workshops. One CEU represents ten contact hours of participation in an organized continuing education experience under capable direction and qualified instruction

These units of measure are used to record student participation in learning activities that are meaningful and educational, but not academic in the traditional sense. These units *are never* converted to academic credit and the course description is included in the title. The only grade given in continuing education courses is either CR for credit or NC for no credit. Continuing Education Units are recorded separately from academic credit. Students wishing a transcript of a continuing education course should make this request through the registrar's office.

The program directors in Continuing Education are pleased to offer academic counseling to individuals who wish to discuss continuing their education as a life-long learning experience.

COLLEGE OF MUSIC

Dean: David Swanzy, Ph.D. *Office:* 107 MacDonald Hall
Assistant Dean: Patrick McCarty, Ph.D.
University Professor: C. J. McNaspy, S.J.
Professors: Charles Braswell, Elise Cambon, Patrick McCarty, David Swanzy
Associate Professors: Arthur Cosenza, Joseph Hebert, Janet Martin, Esther Olin, Ronald Stoffel, Larry Wyatt
Assistant Professors: Anthony Decuir, Richard Greene, William Horne, George Jansen, Jackson McCracken, John Murphy
Instructors: John Mahoney, Roger Rideout, Robert Sheppard

The college, founded in 1932, is accredited by the Southern Association of Colleges and Schools.

It holds membership in the National Association of Schools of Music, Association of American Colleges, Jesuit Educational Association, National Catholic Educational Association, Southern Association of Colleges and Schools and the National Association for Music Therapy.

The College of Music offers the opportunity to combine liberal arts studies with professional music courses in the only college of music conducted by the Jesuit Fathers in the United States. Historically, New Orleans offers an abundance of cultural opportunities. The city supports an opera company, a major symphony orchestra, a professional choir, and numerous smaller professional organizations. Traditionally, students from Loyola have played an important role in the musical life of the city. Students study and work in close proximity with professional singers, players, and conductors.

Since the College of Music is a member of the National Association of Schools of Music, all programs are in accordance with the regulations set forth by this organization. The curricula in music education fulfill the requirements for various types of teacher certification in the State of Louisiana. The Department of Music Therapy is a fully accredited member of the National Association for Music Therapy.

ADMISSION REQUIREMENTS

Admission to the university constitutes admission to the College of Music. However, auditions and testing are administered when students arrive on campus; entrants who do not meet minimum beginning freshman levels will be placed in preparatory courses without graduation credit until these standards are met.

PERFORMANCE STANDARDS AND PROFICIENCIES

All students are required to pass a sight-singing barrier examination consisting of singing at sight samples of music in compound and simple meters involving subdivision and modulations to closely related keys.

Ordinarily this examination is an integral part of the second semester sophomore theory course; transfer students above this level are required to take this examination in their first semester of residence and to pass it no later than their second semester in residence.

Every candidate for a music degree, regardless of major, must display a minimum proficiency in piano. An examination to determine such proficiency is ordinarily given at the end of the sophomore year. Students not meeting requirements by this time must continue to elect piano at their own expense until the required standards are met.

A satisfactory level of performing ability on the major instrument is required of students before they are allowed to enroll for junior or senior level applied music. This ability may be determined by members of the department concerned, or by audition in the case of a transfer student.

The College of Music maintains admission and retention requirements for its music education programs as stated under the Department of Education section of this catalog.

A student teacher barrier examination is required of bachelor of music education students prior to student teaching and, normally, is taken the semester immediately preceding that semester in which student teaching is to be done.

Junior and senior recitals are required of all bachelor of music candidates with the exception of theory and composition and piano pedagogy majors, who present only a senior recital. A minimum of one recital appearance during the four year period of study is required for all bachelor of music education and bachelor of music therapy candidates. All students must stand jury examinations each semester that they are enrolled for individual applied study.

A variety of specific proficiencies are stipulated by individual degree programs and departments. Students are requested to consult their advisers concerning these requirements.

DEGREE PROGRAMS

Bachelor of Music with majors in:

Harpsichord	Piano
Instrumental	Piano Pedagogy
Jazz Studies	Theory and Composition
Organ	Voice

Curricula in instrumental music, harpsichord, piano, piano pedagogy, organ, theory and composition, and voice are designed for students who wish to become performers, accompanists, composers or conductors. These curricula also are designed for students planning graduate study leading to a college or university teaching career.

Bachelor of Music with major in Music Therapy

The curriculum in music therapy leads to a professional degree designed for students who wish to work with the mentally ill, physically handicapped, and exceptional children.

Bachelor of Music Education with majors in:

Instrumental	Piano
Instrumental and Vocal	Vocal

The bachelor of music education curricula are designed to fulfill requirements for teacher certification at the secondary level in the State of Louisiana. Courses in these programs have been planned so that they may also be taken in preparation for graduate study leading to a teaching career on the college or university level.

Master of Music with concentrations in:

Instrumental Piano Vocal

Master of Music Education with concentrations in:

Instrumental Vocal

Master of Music in Music Therapy

Details on graduate programs are given in the *Graduate Bulletin.*

ORGANIZATIONS

UNIVERSITY BAND — Membership in the University Concert Band is open to all university students by audition.

LOYOLA PHILHARMONIA — An ensemble which performs chamber and symphonic works from the Baroque through the Contemporary periods. A concerto concert is a normal part of the orchestra's activity, designed to give outstanding student performers an opportunity for solo performance with orchestral accompaniment. The orchestra also frequently joins with the University Chorus in a joint performance of a major choral work. Membership is open to all university students by audition.

UNIVERSITY CHORUS — A large choral organization specializing in large choral works with orchestral accompaniment. Open to all university students.

UNIVERSITY SINGERS — A select choral group consisting of sopranos and altos. This group tours locally.

UNIVERSITY CHORALE — A select choral organization open to all university students by audition.

UNIVERSITY TRAINING ORCHESTRA — This organization exists for the purpose of giving non-string majors an opportunity to develop their string playing capabilities.

OPERA WORKSHOP — This class concentrates on music, text and stage direction simultaneously. In addition to learning the staging of their own parts in scenes of operas, the students are instructed in the techniques of operatic stage deportment applicable to any role. Emphasis is placed on opera that is good theatre.

MADRIGAL SINGERS — A select vocal chamber ensemble concentrating on repertoire of the Renaissance and Baroque periods. Emphasis on solo and ensemble performance of chansons, madrigals, and related forms as well as their dramatic offshoots.

BRASS ENSEMBLE — A group specializing in performance of fine literature for brass ranging from early Baroque music to the most modern composition. Open to all university students by audition.

PERCUSSION ENSEMBLE — Open to all university students with the necessary performing proficiency. Performance of literature for varied combinations of percussion instruments is stressed.

STRING ENSEMBLE — Trio and quartet ensembles are organized each semester to train string majors as ensemble performers. Ensemble members perfect their playing with the objective of performing at recitals. Off campus performances are frequently arranged.

WOODWIND ENSEMBLE — A program open to all university students by audition. Study and performance of standard and modern literature.

JAZZ/LAB BAND — The jazz band offers interested musicians an opportunity to perform music in the popular and jazz idioms. Study of arranging and techniques of improvisation. Open to university students by audition.

LOYOLA BALLET — Open to university students who have the required training and ability.

PHI BETA — Phi Beta, national professional fraternity of music and speech, was founded in 1912 at Northwestern University. The Epsilon Chapter was installed at Loyola in 1938. The purpose of the fraternity is to promote excellence in music and speech and to develop professional ability in these two arts.

ALPHA MU — National professional music therapy fraternity. Membership is open to music therapy majors and other students who are interested in the advancement of music therapy. Second semester freshmen and upper classmen are eligible for membership. Alpha Mu is dedicated to the promotion of fraternal spirit among students and to the professional advancement of music therapy through lectures, hospital (institutional) observation and volunteer activities in which music students are invited to participate.

STUDENT CHAPTER OF MUSIC EDUCATORS NATIONAL CONFERENCE — Open to all music students. Members receive subscription to *Music Educators Journal*, sponsor visiting lecturers and recitalists, and offer paraprofessional services to the community.

BACHELOR OF MUSIC — HARPSICHORD

(See Bachelor of Music — Piano, Organ, Harpsichord)

BACHELOR OF MUSIC — INSTRUMENTAL

				F	S
Freshman (32 sem. hrs.)					
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	114-115	Piano Class I-II	2	2
MuPr	0405	112 112	Applied Study: Individual	3	3
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
				16	16
Sophomore (34 sem. hrs.)					
MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuPr	0405	212 212	Applied Study: Individual	3	3
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
Common Curriculum			Philosophy/Religious Studies	3	3
				16	18
Junior (34 sem. hrs.)					
MuPr	0405	313 313	Recital Hour	0	0
MuPr	0405	— 310	Junior Recital		0
MuTh	0403	302-303	Counterpoint I-II	2	2
MuPr	0405	312 312	Applied Study: Individual	3	3
MuHL	0407	304-305	Music History I-II	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	— 309	Instrumental Conducting		2
MuPr	0405	317 317	Major Ensemble	1	1
Common Curriculum			Philosophy/Religious Studies	3	3
Electives				3	3
				17	17
Senior (32 sem. hrs.)					
MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital		0
MuTh	0403	402-403	Form & Analysis I-II	2	2
MuTh	0403	306-307	Orchestration I-II	2	2
MuPr	0405	412 412	Applied Study: Individual	3	3
MuHL	0407	404 —	Pre-Baroque History	2	
MuHL	0407	— 405	Contemporary History		2
MuPr	0405	417 417	Major Ensemble	1	1
Common Curriculum			Electives	3	3
Electives				3	3
				16	16

TOTAL: 132 sem. hrs.

BACHELOR OF MUSIC — JAZZ STUDIES

Freshman (36 sem. hrs.)				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	114-115	Piano Class I-II	2	2
MuPr	0405	112 112	Applied Study: Individual	3	3
MuJz	0406	106-107	Perspectives of Jazz I-II	1	1
MuJz	0406	108-109	Improvisation I-II	1	1
MuPr	0405	117 or 118	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
				18	18

Sophomore (38 sem. hrs.)					
MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuJz	0406	208-209	Improvisation III-IV	1	1
MuPr	0405	212 212	Applied Study: Individual	3	3
MuJz	0406	204 —	Evolution of Jazz Styles	2	
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 or 218	Major Ensemble	1	1
English				3	3
Common Curriculum			Philosophy/Religious Studies	3	3
				19	19

Junior (32 sem. hrs.)					
MuPr	0405	313 313	Recital Hour	0	0
MuPr	0405	— 310	Junior Recital		0
MuTh	0403	304 —	Jazz Counterpoint	2	
MuTh	0403	— 303	Counterpoint II		2
MuJz	0406	308-309	Improvisation V-VI	1	1
MuPr	0405	312 312	Applied Study: Individual	3	3
MuJz	0406	310-311	Jazz Seminar in Performance I-II	1	1
MuHL	0407	304-305	Music History I-II	3	3
MuPr	405	308 —	Essentials of Conducting	2	
MuPr	0405	— 309	Instrumental Conducting		2
MuPr	0405	317 or 318	Major Ensemble	1	1
Common Curriculum			Philosophy/Religious Studies	3	3
				16	16

Senior (34 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital		0
MuTh	0403	402-403	Form & Analysis I-II	2	2
MuTh	0403	306 —	Orchestration I	2	
MuTh	0403	— 309	Modern Arranging		2
MuJz	0406	408-409	Improvisation VII-VIII	1	1
MuPr	0405	412 412	Applied Study: Individual	3	3
MuHL	0407	404 —	Pre-Baroque History	2	
MuHL	0407	— 405	Contemporary History		2
MuPr	0405	417 or 418	Major Ensemble	1	1
Common Curriculum			Electives	3	3
Electives				3	3
				17	17

TOTAL: 140 sem. hrs.

BACHELOR OF MUSIC — PIANO, ORGAN, HARPSICHORD[1]

Freshman (34 sem. hrs.)

				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	112 112	Applied Study: Individual	3	3
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
Electives				3	3
				17	17

Sophomore (33 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	212 212	Applied Study: Individual	3	3
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
Common Curriculum			Philosophy/Religious Studies	6	3
English				3	3
				17	16

[1] Organ and harpsichord majors substitute appropriate literature in place of piano literature. Six semester-hours are required. Two years of foreign language study is recommended.

Junior (34 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuPr	0405	— 310	Junior Recital		0
MuTh	0403	302-303	Counterpoint I—II	2	2
MuPr	0405	312 312	Applied Study: Individual	3	3
MuHL	0407	304-305	Music History I-II	3	3
MuHL	0407	308-309	Piano Literature I-II	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	309 or 311	Choral or Instrumental Conducting		2
MuPr	0405	317 317	Major Ensemble	1	1
Common Curriculum			Electives	3	3
				17	17

Senior (29 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital		0
MuTh	0403	402-403	Form & Analysis I-II	2	2
MuPr	0405	412 412	Applied Study: Individual	3	3
MuHL	0407	404 —	Pre-Baroque History	2	
MuHL	0407	— 405	Contemporary History		2
	04		Music Electives	2	2
MuPr	0405	417 417	Major Ensemble	1	1
Electives				3	3
Common Curriculum			Religious Studies	3	
				16	13

TOTAL: 130 sem. hrs.

BACHELOR OF MUSIC — PIANO PEDAGOGY

Freshman (34 sem. hrs.)

				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	112 112	Applied Study: Individual	3	3
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
Common Curriculum			Philosophy/Religious Studies	3	3
				17	17

Sophomore (33 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	212 212	Applied Study: Individual	3	3
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
Electives				3	
Common Curriculum			Philosophy/Religious Studies	3	3
				17	16

Junior (34 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuTh	0403	— 303	Counterpoint II		2
MuPr	0405	312 312	Applied Study: Individual	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuHL	0407	304-305	Music History I-II	3	3
MuPd	0408	310 —	Introduction to Piano Pedagogy	3	
	04		Music Electives	2	2
MuPr	0405	317 317	Major Ensemble	1	1
Elective					3
Common Curriculum			Electives	3	3
				17	17

Senior (32 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital		0
MuTh	0403	402-403	Form & Analysis I-II	2	2
MuPr	0405	412 412	Applied Study: Individual	3	3
MuPd	0408	410-411	Piano Pedagogy Techniques and Materials I-II	2	2
MuHL	0407	404 —	Pre-Baroque History	2	
MuHL	0407	— 405	Contemporary History		2
MuHL	0407	308-309	Piano Literature I-II	3	3
MuPr	0405	417 417	Major Ensemble	1	1
Electives				3	3
				16	16

TOTAL: 133 sem. hrs.

BACHELOR OF MUSIC — THEORY AND COMPOSITION[1]

Freshman (38 sem. hrs.)				**F**	**S**
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	112 112	Applied Study: Individual	2	2
MuPr	0405		Minor Instruments	3	3
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
Common Curriculum			Electives	3	3
				19	19

[1] For upper level study (junior and senior years) a student must maintain a 3.3 grade point average or higher in all theory courses, and — in the sophomore year — must have written at least one recital-level piece.

Sophomore (34 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuTh	0403	210-211	Composition Essentials I-II	2	2
MuPr	0405	212 212	Applied Study: Individual	2	2
MuPr	0405		Minor Instruments	4	4
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
				16	18

Junior (34 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuTh	0403	302-303	Counterpoint I-II	2	2
MuTh	0403	310-311	Composition III-IV	2	2
MuTh	0403	306-307	Orchestration I-II	2	2
MuPr	0405	312 312	Applied Study: Individual	2	2
MuHL	0407	304-305	Music History I-II	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	309 or 311	Instrumental, or Choral Conducting		2
MuPr	0405	317 317	Major Ensemble	1	1
Common Curriculum			Philosophy/Religious Studies	3	3
				17	17

Senior (26 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital[1]		0
MuTh	0403	402-403	Formal Analysis I-II	2	2
MuTh	0403	410-411	Composition V-VI	2	2
MuPr	0405	412 412	Applied Study: Individual	2	2
MuPr	0405	417 417	Major Ensemble	1	1
Electives				3	3
Common Curriculum			Philosophy/Religious Studies	3	3
				13	13

TOTAL: 132 sem. hrs.

[1] A recital consisting of original works is substituted for an ordinary performance recital.

BACHELOR OF MUSIC — VOICE

Freshman (35 sem. hrs.)				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuGn	0404	100 —	Italian Diction	1	
MuGn	0404	— 101	Italian Vocal Repertoire		0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	114-115	Piano Class I-II	2	2
MuPr	0405	112 112	Applied Study: Individual	3	3
MuPr	0405	118 118	Opera Workshop	1	1
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
				18	17

Sophomore (37 sem. hrs.)					
MuPr	0405	213 213	Recital Hour	0	0
MuGn	0404	200 —	French Diction	1	
MuGn	0404	201 —	French Vocal Repertoire	0	
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuPr	0405	212 212	Applied Study: Individual	3	3
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	218 218	Opera Workshop	1	1
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
Foreign Language[1]				3	3
				18	19

Junior (34 sem. hrs.)					
MuPr	0405	313 313	Recital Hour	0	0
MuGn	0404	— 300	German Diction		1
MuGn	0404	— 301	German Vocal Repertoire		0
MuPr	0405	— 310	Junior Recital		0
MuTh	0403	302 —	Counterpoint I	2	
MuPr	0405	312 312	Applied Study: Individual	3	3
MuHL	0407	304-305	Music History I-II	3	3
MuPr	0405	318 318	Opera Workshop	1	1
MuPr	0405	317 317	Major Ensemble	1	1
Foreign Language				3	3
Common Curriculum			Philosophy/Religious Studies	3	6
				16	18

[1] Language study in French and/or German is recommended.

Senior (28 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	— 410	Senior Recital		0
MuTh	0403	402 —	Form & Analysis I	2	
MuPr	0405	412 412	Applied Study: Individual	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	— 311	Choral Conducting		2
MuPr	0405	418 418	Opera Workshop	1	1
MuPr	0405	417 417	Major Ensemble	1	1
Common Curriculum			Electives	3	3
Common Curriculum			Philosophy		3
Elective				3	
				15	13

TOTAL: 134 sem. hrs.

BACHELOR OF MUSIC EDUCATION — INSTRUMENTAL

Freshman (38 sem. hrs.)

				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	114-115	Piano Class I-II	2	2
MuPr	0405	112 112	Applied Study: Individual	2	2
MuEd	0401	110-111	String Class	1	1
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English Grammar				3	
English Composition					3
Mathematics				3	3
				19	19

Sophomore (41 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuPr	0405	212 212	Applied Study: Individual	2	2
MuHL	0407	— 205	Introduction to Music Literature		2
MuEd	0401	210-211	Brass & Percussion Class I-II	2	2
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
Chemistry/Biology				4	4
			Introduction to Education	3	
			Field Experience in Music Education		0
				21	20

Junior (37 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuPr	0405	312 312	Applied Study: Individual	2	2
MuHL	0407	304-305	Music History I-II	3	3
MuEd	0401	310-311	Woodwind Class I-II	2	2
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	— 311	Instrumental Conducting		2
MuPr	0405	317 317	Major Ensemble	1	1
MuEd	0401	309 309	Teaching Music in the Secondary Schools		3
			Adolescent Psychology	3	
			Field Experience in Music Education	0	
			United States History		3
Physical Education				2	2
Physics				4	
				19	18

Senior (29 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	410 —	Senior Recital	0	
MuTh	0403	306-307	Orchestration I-II	2	2
MuPr	0405	417 —	Major Ensemble	1	
MuEd	0401	— 400	Student Teaching		6
MuEd	0401	306 —	Instrumental Music Education Methods	3	
			Teaching of Reading	3	
Economics				3	
Common Curriculum			History	3	
Common Curriculum			Social Studies		3
				15	14

TOTAL: 145 sem. hrs.

BACHELOR OF MUSIC EDUCATION — INSTRUMENTAL AND VOCAL MUSIC[1]

Freshman (38 sem. hrs.)

				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuGn	0404	— 101	Italian Vocal Repertoire		0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	114-115	Piano Class I-II	2	2
MuPr	0405	112 112	Applied Study: Individual	2	2
MuEd	0401	110-111	String Class	1	1
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English Grammar				3	
English Composition					3
Mathematics				3	3
				19	19

[1] A five year course, certification in instrumental and vocal music.

Sophomore (38 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuGn	0404	201 —	French Vocal Repertoire	0	
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuPr	0405	212 212	Applied Study: Individual	2	2
MuPr	0405	112 112	Applied Study: Individual (Voice)	2	2
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
English				3	3
Chemistry/Biology				4	4
			Field Experience in Music Education		0
				18	20

Junior (34 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuGn	0404	— 301	German Vocal Repertoire		0
MuPr	0405	312 312	Applied Study: Individual	2	2
MuPr	0405	212 212	Applied Study: Individual (Voice)	2	2
MuHL	0407	304-305	Music History I-II	3	3
MuEd	0401	210-211	Brass & Percussion Class I-II	2	2
MuPr	0405	317 317	Major Ensemble	1	1
			Introduction to Education	3	
			Field Experiences in Music Education	0	
Physics					4
Physical Education				2	2
Common Curriculum			Social Studies	3	
				18	16

Senior (32 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	412 412	Applied Study: Individual	2	2
MuPr	0405	312 312	Applied Study: Individual (Voice)	3	3
MuEd	0401	310-311	Woodwind Class I-II	2	2
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	309 or 311	Instrumental or Choral Conducting		2
MuPr	0405	417 417	Major Ensemble	1	1
MuEd	0401	— 309	Teaching Music in the Secondary Schools		3
Economics					3
			Adolescent Psychology	3	
			US History	3	
				16	16

Fifth Year (25 sem. hrs.)

MuTh	0403	306-307	Orchestration I-II	2	2
MuPr	0405	410 —	Senior Recital	0	
MuPr	0405	412 —	Applied Study: Individual (Voice)	2	
MuPr	0405	417 —	Major Ensemble	1	
MuEd	0401	306 —	Instrumental Music Education Methods	3	
MuEd	0401	— 400	Student Teaching		6
			Teaching of Reading	3	3
Common Curriculum			History	3	
				14	11

TOTAL: 167 sem. hrs.

BACHELOR OF MUSIC EDUCATION — PIANO[1]

Freshmen (40 sem. hrs.)

				F	S
MuPr	0405	113 113	Recital Hour	0	0
MuGn	0404	— 101	Italian Vocal Repertoire		0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	112 112	Applied Study: Individual (Piano)	3	3
MuPr	0405	112 112	Applied Study: Individual (Voice)	3	3
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English Grammar				3	
English Composition					3
Mathematics				3	3
				20	20

Sophomore (41 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuGn	0404	201 —	French Vocal Repertoire	0	
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	212 212	Applied Study: Individual (Piano)	3	3
MuPr	0405	212 212	Applied Study: Individual (Voice)	3	3
MuPr	0405	217 217	Major Ensemble	1	1
MuHL	0407	— 205	Introduction to Music Literature		2
English				3	3
Chemistry/Biology				4	4
			Introduction to Education	3	
			Field Experiences in Music Education		0
				21	20

[1] Certification in piano and voice; student teaching to be done in choral music.

Junior (38 sem. hrs.)					
MuPr	0405	313	313	Recital Hour	0 0
MuGn	0404	—	301	German Vocal Repertoire	0
MuPr	0405	312	312	Applied Study: Individual (Piano)	3 3
MuHL	0407	304-305		Music History I-II	3 3
MuPr	0405	308	—	Essentials of Conducting	2
MuPr	0405	—	311	Choral Conducting	2
MuPr	0405	317	317	Major Ensemble	1 1
MuEd	0401	—	309	Teaching Music in the Secondary Schools	3
				Adolescent Psychology	3
				Field Experience in Music Education	0
Physics					4
Economics					3
Physical Education					2
				US History	3
					18 20

Senior (30 sem. hrs.)					
MuPr	0405	413	413	Recital Hour	0 0
MuPr	0405	410	—	Senior Recital	0
MuTh	0403	306-307		Orchestration I-II	2 2
MuHL	0407	308	—	Piano Literature I	3
MuPr	0405	317	—	Major Ensemble	1
MuEd	0401	—	400	Student Teaching	6
MuEd	0401	307	—	Choral Music Education Methods	2
MuEd	0401	308	—	General Music Education Methods	2
				Teaching Reading	3 3
Common Curriculum				Social Studies	3
Common Curriculum				History	3 —

TOTAL: 149 sem. hrs.

BACHELOR OF MUSIC EDUCATION — VOCAL

Freshman (38 sem. hrs.)					F S
MuPr	0405	113	113	Recital Hour	0 0
MuGn	0404	—	101	Italian Vocal Repertoire	0
MuTh	0403	102-103		Theory I-II	4 4
MuPr	0405	114-115		Piano Class I-II	2 2
MuPr	0405	112	112	Applied Study: Individual	3 3
MuPr	0405	117	117	Major Ensemble	1 1
MuGn	0404	140-141		Music as Value I-II	3 3
English Grammar					3
English Composition					3
Mathematics					3 3
					19 19

Sophomore (39 sem. hrs.)

MuPr	0405	213 213	Recital Hour	0	0
MuGn	0404	201 —	French Vocal Repertoire	0	
MuTh	0403	202-203	Theory III-IV	4	4
MuPr	0405	214-215	Piano Class III-IV	2	2
MuPr	0405	212 212	Applied Study: Individual	3	3
MuHL	0407	— 205	Introduction to Music Literature		2
MuPr	0405	217 217	Major Ensemble	1	1
			Field Experience in Music Education.		0
English				3	3
Chemistry				4	
Biology					4
			Introduction to Education	3	
				20	19

Junior (39 sem. hrs.)

MuPr	0405	313 313	Recital Hour	0	0
MuGn	0404	— 310	German Vocal Repertoire		0
MuPr	0405	112 112	Applied Study: Individual (Piano)	2	2
MuPr	0405	312 312	Applied Study: Individual (Voice)	3	3
MuHL	0407	304-305	Music History I-II	3	3
MuPr	0405	308 —	Essentials of Conducting	2	
MuPr	0405	— 311	Choral Conducting		2
MuPr	0405	317 317	Major Ensemble	1	1
MuEd	0401	— 309	Teaching Music in the Secondary Schools		3
			Field Experience in Music Education.	0	
			US History		3
Physical Education				2	2
Physics				4	
			Adolescent Psychology	3	
				20	19

Senior (30 sem. hrs.)

MuPr	0405	413 413	Recital Hour	0	0
MuPr	0405	410 —	Senior Recital	0	
MuTh	0403	306-307	Orchestration I-II	2	2
MuEd	0401	— 400	Student Teaching		6
MuEd	0401	307 —	Choral Music Education Methods	2	
MuEd	0401	308 —	General Music Education Methods	2	
MuPr	0405	417 —	Major Ensemble	1	
Economics				3	
			Teaching of Reading	3	3
Common Curriculum			History	3	
Common Curriculum			Social Studies		3
				16	14

TOTAL: 146 sem. hrs.

BACHELOR OF MUSIC — MUSIC THERAPY[1]

				F	S
Freshman (32 sem. hrs.)					
MuPr	0405	113 113	Recital Hour	0	0
MuTh	0403	102-103	Theory I-II	4	4
MuPr	0405	112 112	Applied Study: Individual	2	2
MuPr	0405	114-115	Piano Class I-II	2	2
MuTy	0402	116 —	Music Therapy I (not required for transfers)	2	
MuPr	0405	117 117	Major Ensemble	1	1
MuGn	0404	140-141	Music as Value I-II	3	3
English				3	3
				17	15
Sophomore (36 sem. hrs.)					
MuPr	0405	213 213	Recital Hour	0	0
MuTh	0403	202 —	Theory III	4	
MuPr	0405	212 212	Applied Study: Individual	2	2
MuHL	0407	— 205	Introduction to Music Literature		2
MuTy	0402	216 —	Music Therapy II	4	
MuPr	0405	114-115	Guitar Class I-II	1	1
MuPr	0405	217-217	Major Ensemble	1	1
			Psychological Evaluation		0
			Introductory Psychology	3	
			Abnormal Psychology		3
Statistics				3	3
English					6
				18	18
Junior (33 sem. hrs.)					
MuPr	0405	313 —	Recital Hour	0	
MuPr	0405	312 312	Applied Study: Individual	2	
MuPr	0405	308 —	Essentials of Conducting	2	
MuTy	0402	316 —	Music Therapy III		4
MuTy	0402	— 400	Music Therapy IV		12
MuPr	0405	317 —	Major Ensemble	1	
Music Electives[2]				3	
Human Science Electives				3	
			Psychology Exceptional Child	3	
Common Curriculum			Philosophy	3	
				17	16

[1] A curriculum leading to registration in music therapy and certification in music education is available upon request.

[2] Ensembles are not allowable to be counted as music elective credit.

Senior (34 sem. hrs.)

MuPr	0405	413	413	Recital Hour	0	0
MuHL	0407	304	—	Music History I	3	
MuTy	0402	416		Music Therapy V		4
Music Electives[1]					6	3
MuPr	0405	417	417	Major Ensemble	1	1
MuTy	0402	—	400	Music Therapy IV (for transfer students only)		1
				Functional Music Barrier	0	
				Psychodrama (preferred)	3	3
Human Science Electives						6
Common Curriculum				Religious Studies	3	
					16	18

TOTAL: 135 sem. hrs.

[1] Ensembles are not allowable to be counted as music elective credit.

SUMMER SESSION

Director: Walter S. Maestri, III
Assistant Director: Willie M. Zanders
Office: 537 Monroe Hall

The summer sessions of Loyola offers to students from the Greater New Orleans area and across the country the opportunity to do significant academic work in a compressed time period. Loyola offers summer instruction in many areas: the Colleges of Arts and Sciences, Business Administration, and Music; City College; in graduate studies, and in law. The courses offered are, in most instances, standard offerings which will transfer to other colleges and universities. Some relate directly to the curriculum patterns of Loyola and their requirements. In all cases, the offerings are designed to make available to students the chance to work toward completion of a degree program in a shorter time. Special summer programs in communications, drama, and international studies are offered. For several years the university has sponsored SCOPE and Upward Bound programs for secondary school students.

Two five week terms are offered. A summer session bulletin detailing the courses offered and their times is published in March. Contact the Office of Summer Sessions for a copy. The academic calendar for the summer session is printed on the inside back cover of this bulletin.

ADMISSION

All Loyola students, any student in good standing at another university, and all entering freshmen are eligible to attend the summer session. Undergraduate students not currently enrolled at Loyola should write directly to the Director of Admissions for applications and information. Students desirous of doing professional work should write to the assistant dean for admissions of the law school.

REGULATIONS

All the general rules of the university apply, as described in this bulletin, with the following exception: a student may schedule no more than six hours a session (or seven, if one course is a laboratory science course) without the written permission of his dean, and only then if he has a cumulative average of 3.0 or better. Loyola students are reminded that they may only do summer work elsewhere if they are in good standing and have the written permission of their adviser and their dean.

HOUSING

Campus housing is available during the summer. For further information refer to the chapter titled *Student Life.*

ACADEMIC PROGRAMS

HONORS PROGRAM

The honors program recognizes students from the Colleges of Arts and Sciences, Business Administration, and Music who distinguish themselves through superior academic performance, talent, or commitment. Honors provides such students with courses and options cognizant of and appropriate to their interests. Professors teaching and advising students in the honors program share in worthwhile learning experiences.

There are three levels of honors programs offered at Loyola. First, for entering freshmen, there is the common curriculum option two plan (see the section titled "Curriculum Design" in the chapter *College of Arts and Sciences* to obtain specific information). Second, many departments administer an option for honors in the major field of study. Students who meet the requirements of this program are eligible to have that distinction printed in their diploma (further information on departmental honors may be obtained from the individual departments). And finally, the university fellows, listed below, is a general honors program for upper division students.

Each semester, a select number of courses at Loyola is designated as honors. The purpose of such courses is to bring together those persons who desire to pursue honors work. University fellows and dean's list students are eligible to enroll. Other second semester freshmen and above may enroll with specific permission from the instructor.

UNIVERSITY FELLOWS

The university fellows program is open to students in the Colleges of Arts and Sciences, Business Administration, and Music who have completed 42 semester hours, normally have a 3.5 grade-point average or better, and meet other established criteria. Guidelines for selection may be obtained from the director of the honors program. Normally, faculty nominate superior students who are then interviewed and screened by the director and student officers of the honors program board. Students may also submit their own application for the program.

University fellows have the option of completing independent study and elective courses on a pass-fail basis. Courses in the common curriculum or in one's major may not be taken on this basis.

SUMMER SESSION IN MEXICO CITY

Each year Loyola conducts a language and cultural center in Mexico City on the campus of Universidad Iberoamericana. A six week session with courses in Spanish as well as in English, offers studies pertaining to the history and culture of Mexico and Latin America. Courses are also offered in sociology, philosophy, economics and business administration.

Students live in Mexican homes selected by the Committee on Housing. Tours and excursions are taken to the San Juan Teotihuacan Pyramids, Puebla, Tula, and Cuernavaca, as well as the National Museum of Anthropology, the National Historical Museum, and other places of interest.

Total cost, which includes tuition, room, and board, is approximately $500.

JUNIOR YEAR IN ROME

Loyola University Rome Center of Liberal Arts was inaugurated in February 1962. The center is the undergraduate European branch of Loyola University of Chicago. Methods of instruction and academic standards are the same as those prevailing throughout the university. Students of Loyola University in New Orleans who have completed two years or more with better than a 2.0 average may request permission of their dean to register at the Rome center. Registrations are for one year, beginning in September.

The curriculum emphasis is on the humanities. Courses are selected with a view to the cultural and historical importance of Rome and western Europe. The courses vary each semester in Departments of Art, Classics, Drama, Education, History, Language, Literature, Philosophy, Political Science, Psychology, and Theology. All classes are conducted in English.

INTERNATIONAL CULTURAL TOURS

Each summer the International Studies Program provides tours to various parts of the world: the Orient, Europe, and the Middle East.

During the semester holidays (December to January) there are one week tours to Central America.

WOMEN'S CENTER

The Women's Center for Greater New Orleans is a service for the community dedicated to providing high-quality non-sexist life-planning services and information on matters of importance to women of all ages. Increasing numbers of men are also finding the vocational guidance testing and topical workshops valuable for themselves. Over 5000 people have participated in activities at the center since it opened in 1975.

The main functions of the center are: To bring women in transition out of isolation and build self-confidence and self-esteem where they are low; to aid women in establishing new patterns of constructive action for themselves; to aid women in considering multiple options and in defining long- and short-term goals for themselves; to act as facilitator for people who seek the means and skills with which to reach their goals.

In addition to individual counseling, the Women's Center conducts informal seminars and workshops throughout the year which are open to the public. These are on topics relating to personal assessment, assertiveness, decision-making, career-skills, financial planning, and job-finding, as well as on a variety of recreational interests, such as interior decorating, wine-tasting, auto maintenance, creative writing, dog-training, home renovation, calligraphy, exercise, and dance.

The center also sponsors guest speakers and conferences, and offers custom-tailored workshops and consulting for businesses and organizations. Staff at the center are available to aid community and business decision-makers to better identify capable women and more effectively carry out company guidelines with regard to their affirmative action and other legally-based policies. A lounge and reading room open to the public are also available at the Women's Center.

UPWARD BOUND PROJECT

Upward Bound helps high school students from low-income families develop the skills and motivation necessary for success in college. Students are generally admitted after completion of the tenth or eleventh grades. The project staff selects students on the recommendations of teachers, counselors, social service agencies, and others who are well acquainted with them. Upward Bound does not seek the "A" student who will go to college in any case. Rather, it seeks to help apathetic, possibly hostile youths with academic potential who have not had the preparation, motivation, or opportunity to realize or demonstrate their talents.

The on-campus summer program consists of a six-week session which normally emphasizes reading, writing, and other basic communication skills. There are courses in arts and sciences, field trips, and cultural events. Upward Bounders are provided two tuition free college courses for credit toward a college degree the summer following their graduation from high school. Upward Bounders talk with artists, performers, attend movies, concerts and write about their experiences in an attempt to broaden their horizons and gain perspective and understanding.

During the academic year, students are in contact with Upward Bound teachers, counselors, or tutors through meetings, classes, home visits, counseling sessions, or tutorials. The program's successful impact results from individual instruction and counseling, small classes, teachers who care and can communicate, college students who live with Upward Bounders during the summer, and intensive student and parent participation.

While Upward Bound generally stops at the college gate, project staff try to ease the entry of Upward Bound students into college life. They work with college admissions officers, financial aid personnel, and others to provide individualized services for Upward Bounders.

Students who feel they may qualify for Upward Bound should contact their high school counselor or contact the Upward Bound project director at Loyola.

CENTER FOR JESUIT ACADEMIC FORMATION

Director: Rev. Gerald M. Fagin, S.J. *Office:* 401 Bobet Hall

The Center for Jesuit Academic Formation is an integral part of the College of Arts and Sciences. It exists to provide special faculty and undergraduate courses for the academic program designed for Jesuit seminarians in preparation for the priesthood. The center consists of a director and faculty members, who may or may not be also full- or part-time members of regular departments of the university, as well as a student body of Jesuit seminarians. Most of the courses offered by the center are open to a restricted number of non-Jesuit students, whether seminarians or not, who satisfy the prerequisites.

MILITARY SCIENCE

Professor: Lt. Colonel William Moldaschel *Office:* Twellmeyer Hall
Associate Professors: Major Ivan Woronchuk, Captain Terry C. Frey, Captain Christopher LeBlanc

The Department of Military Science is maintained and operated by the Department of the Army of the United States as a department of Loyola University in facilities furnished by the university. It functions as part of the Greater New Orleans Army ROTC program which is headquartered at Loyola. Instruction is divided into two courses, the basic course and the advanced course. The basic course consists of the first two years of the four year program and the advanced course consists of the third and fourth years. The military science curriculum has been developed in response to current educational philosophies and concepts. It provides a flexible program compatible with the constantly evolving environment of the total academic community. The instructional program consists of three major parts: the academic major in a recognized degree field; institutional courses of particular interest and value to the military service (selected from appropriate level electives not in the student's major discipline); and courses in military science. Enrollment in military science is voluntary for all physically fit male and female students. Successful completion of the military science course may lead to a commission in the U.S. Army Reserve or the Regular Army. The normal obligation for non-scholarship cadets who are commissioned is three years of service as an officer.

For those who may not be interested in active duty, there is an alternative known as the active duty for training (ADT) program. Under this option, an individual is commissioned in the U.S. Army Reserve and after 12 weeks of additional training, serves for six years as an officer with an Army Reserve or National Guard element near his or her home. This involves drilling one weekend per month with the local Reserve/National Guard unit and attending an annual two week summer encampment. Officers who drill receive one day's pay per drill and one half of one month's pay for the summer encampment.

Students with prior military service or ROTC training may apply for constructive credit toward fulfillment of the basic course requirements. The amount of constructive credit granted will be determined on an individual basis by the professor of military science.

The maximum amount of military science credit accepted toward the bachelor's degree requirement is 15 hours. The amount is largely determined by the requirements of the degree program the student is following, since various degrees allow varying amounts of elective work. If a student's major program calls for 15 or more elective hours, the student may elect up to 15 hours toward the completion of the required 128 hours.

During the periods of instruction, students are enrolled as members of the Reserve Officers Training Corps of the United States Army and are subject to its rules and regulations.

All military science cadets are required to take a course in at least one of the following areas: U.S. military history, U.S. history, American government, or international relations. Normally, this course will be taken as a freshman or sophomore, and should be completed before entrance into the ROTC advanced course. In unusual cases where scheduling conflicts or other difficulties preclude a student from taking a course of this nature, the professor of military science may authorize constructive credit for other course work.

BASIC COURSE

Enrollment is voluntary and does not obligate the student to the Army in any way. Instruction is in common subjects applicable to the army as a whole, to include leadership training with the objective of qualifying the student for the advanced course. Suggested curricula follow:

Freshmen				**F**	**S**
MilSc	100	101	Military Science I	2	2
MilSc	320	320	Leadership Lab	0	0
Hist	370		United States Military History	3	0
				5	2
				7	

Sophomore				**F**	**S**
MilSc	200	201	Military Science I	3	3
MilSc	320	320	Leadership Lab	0	0
Phil	200-level[1]		Elective	3	0
				6	3
				9	

ADVANCED COURSE

Enrollment is competitive. Students who successfully complete the basic course may apply for enrollment in the advanced course. Students with prior training at an institution having a recognized ROTC unit or with active military service, may be given credit toward completion of the basic course requirement.

Junior				**F**	**S**
MilSc	300	301	Military Science III	3	3
MilSc	320	320	Leadership Lab	0	0
Mgmt	300-level[1]		Elective	3	0
				6	3
				9	

[1] Example of appropriate academic subject.

Senior				F	S
MilSc	310	325	Military Science IV	3	3
MilSc	320	320	Leadership Lab	0	0
Engl	300-level[1]		Elective	3	0
				6	3
				9	

ENROLLMENT AND CONTINUANCE

The general requirements for enrollment and continuance in military science are that the student be: 1) a citizen of the United States, 2) physically qualified as prescribed by the Department of the Army, 3) accepted by the institution as a regularly enrolled student (qualified students attending institutions where Army ROTC training is not offered may be cross-enrolled in the military science program at Loyola upon approval of the PMS, Loyola Vice President for Academic Affairs, and officials of the parent institution), 4) not less than 17 years of age and must not have reached 26 years of age at time of enrollment. In special circumstances, waivers may be granted for the age and physical requirements.

As a condition to enrollment in the advanced course the student must agree in writing to: 1) complete the course of instruction offered unless released by the Department of the Army and 2) accept a reserve commission, if tendered. Upon enrollment in the advanced course, the student is enlisted in the U.S. Army Reserve for a period of six years. This enlistment is terminated upon the acceptance of a commission.

In general, students selected for the advanced course are those who have demonstrated, in the basic course, outstanding qualities of command leadership and who possess the mental, moral, and physical characteristics indicative of army officer potential.

A commission as second lieutenant, United States Army Reserve is awarded upon completion of the advanced course, and academic requirements for degree.

Alien students may be enrolled in the basic course and, under certain circumstances, in the advanced course.

EMOLUMENTS

During enrollment in the advanced course, the student is paid a monthly subsistence allowance of $100 a month during the two year school period. Students attending ROTC summer camp receive one half the base pay of a second lieutenant for the six week period and an allowance of ten cents a mile for travel to and from the camp. Total summer camp pay is approximately $600.

Members of the advanced course are required to attend camp one summer, normally between the third and fourth year. All students going to camp are housed, uniformed, fed, and given medical attention at government expense while at the camp. The duration of camp is six weeks and begins in early June.

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[1] Example of appropriate academic subjects.

TEXTS, UNIFORMS, AND EQUIPMENT

Texts, uniforms, and equipment are issued to students in the military science program on a loan basis. Students are required to maintain accountability for items issued to them and will be called upon to pay for items they lose. Texts are collected at the end of each semester, while uniforms and related equipment are issued on an annual basis. Necessary cleaning and upkeep of uniform items is the responsibility of the individual student.

DISTINGUISHED MILITARY STUDENTS

A distinguished military student is an individual so designated after careful consideration of student qualifications by the president of the university and the PMS. He or she must possess outstanding qualities of leadership, high moral character, a definite aptitude for the military service, and must have demonstrated leadership ability while participating in recognized campus activities.

DISTINGUISHED MILITARY GRADUATES

Those distinguished military students who have completed the advanced ROTC course and who have been selected by the president of the university for scholastic excellence, may be designated upon graduation as *Distinguished Military Graduates* by the professor of military science. Distinguished military graduates may be tendered commissions in the Regular Army of the United States.

SCHOLARSHIPS

The ROTC Vitalization Act of 1964 authorizes financial assistance in the form of Army Scholarships for selected students enrolled in the military science program. Both male and female cadets are eligible for these scholarships which provide for all tuition, fees, lab fees, texts, and other required expenses, except room and board. In addition, the student receives $100 per month for the duration of the scholarship, except for the summer training camp period during which he is paid approximately one half the base pay of a second lieutenant. For its ROTC scholarship students, Loyola grants an additional $600 a year or $2400 over a four year period. This grant may either be accepted in cash or, at the student's choice, be deducted from his room and board expenses. Students interested in applying for these scholarships may obtain additional information from the professor of military science.

ROTC ACTIVITIES

NATIONAL SOCIETY OF PERSHING RIFLES is a national honorary military society. Its aim is to encourage, develop, and preserve the highest ideals of the military profession; to promote American citizenship; to create a closer and more effective relationship between cadets of

various colleges and universities; and to provide recognition of military ability and application among the cadets of the Senior Division, ROTC. Among its activities are the formation of a precision drill team and an official Loyola University Color Guard.

NATIONAL SOCIETY OF SCABBARD AND BLADE is an organization for uniting in closer relationship the military departments of American universities and schools, for preserving and developing the essential qualities of good and efficient officers, for preparing individuals as educated men to take a more active part and have a greater influence in the military affairs of the communities in which they reside, and to disseminate intelligent information concerning the military requirements of this country.

ASSOCIATION OF THE UNITED STATES ARMY is a national military organization. The association promotes a closer affiliation between the military and academic departments. It offers to the military student an opportunity to gain a true insight into the purpose and activities of the United States Army.

RIFLE TEAM members will be selected through individual competition, and will represent the department in matches sponsored by the US Army, and in matches with other colleges and universities as well as selected NRA matches.

THE RANGER DETACHMENT conducts separate training programs designed to familiarize its members with guerrilla and counterguerrilla operations, and to attain the standards of physical fitness required for operations under adverse conditions. Participation in training activities with Special Forces Reserve Units and with ROTC Ranger units of other universities is part of the extra activity.

ACADEMIC FACILITIES

UNIVERSITY LIBRARY

The university library serves students and faculty by providing supplemental reading and research materials for course work, music listening facilities, recreational reading, and audio-visual materials and equipment for individual and classroom use.

Facilities and Resources

The Loyola library consists of the main library and specialized libraries in music, law, audio-visual materials, and an extensive government documents collection. Holdings include more than 280,000 volumes, 1200 periodical and journal subscriptions, 21,000 microform units, 160,000 state and federal government documents, and 500 media titles.

Noteworthy among the special collections are the rare holdings of Spanish and French colonial archival documents on microfilm. The Spanish documents are the only copies in the world of originals housed in the archives in Spain. The French collection is one of only three in the United States. Other special holdings include the 20,000 volume Library of American Civilization, containing books, periodicals and documents prior to 1914; the 3,000 volume Library of English Literature, with materials from the beginning to 1660; and extensive holdings in Jesuitica.

The main library collections are organized according to the Library of Congress classification system, and the stacks are open to all users. Separate study and research areas include the reference room, the browsing lounge, periodicals reading room, and the bibliographic center, where periodical indexes and abstracting services are arranged for convenient use.

Services

Professional librarians are available to consult individually with students and faculty on use of library resources and planning research papers. In addition, the reference department provides special orientation sessions, term paper clinics and mini-college courses throughout the year. The library publishes a number of guides to the use of the library for both students and faculty, as well as subject bibliographies in selected areas. A colorful graphic sign and directory system has been recently developed to aid in locating areas of the library.

Throughout the year the library arranges educational and art exhibits for display; in addition, a collection of framed art prints is available for rental at a nominal fee by students and faculty for use in dormitory rooms, or at home.

The media center makes available for classroom use and for individual study audio and visual learning materials and their playback and viewing equipment. Materials available include video tapes, films, filmstrips, slides, sound tapes, records, and other forms.

Extended Resources

Students at the three New Orleans Consortium colleges, Loyola, Xavier University, and St. Mary's Dominican College, enjoy reciprocal borrowing privileges at any of the Consortium libraries. In addition, as a member of the Southeast Louisiana Library Information Network Cooperative, the Loyola library is able to obtain books and other materials not available on campus but located in other nearby libraries. Membership in the Southeastern Library Network provides bibliographic and location information for borrowing from libraries nationwide through a computer terminal located in the library. On-line searching of computerized bibliographic data bases in a wide variety of subjects is also available in the library for a small fee. These data bases include journal and report literature not generally available through print indexes and reference works. Consultation and searching are available through the reference department.

COMPUTER SYSTEMS

The Computer Center and the academic systems coordinator offer a full range of services through two computer systems. The first system is a time sharing computer used primarily for instruction and reserach activities. The second system is a batch oriented multiprocessing system used primarily for administrative data processing. Both systems are available for use by authorized students, faculty, and staff. Academic computer terminals are available on an open-shop basis, while the remainder of the two systems operate on a closed-shop basis.

Also available for use are a variety of microcomputers at various locations around campus.

INSTITUTE OF POLITICS

The Institute of Politics, an independent foundation that is housed on the Loyola campus, trains community leaders in practical politics. Its program is geared to the development of new political leadership in the area. The institute educates selected young men and women in the practice and practicalities of politics, through a recognition of the professional character of politics and the need for broader understanding and training in politics. Meeting weekly at night, participants represent a broad cross section of the metro area, geographically and professionally. Approximately 25 participants per course study voting patterns, issues and problems, organizing and conducting political campaigns, the uses of television and advertising, political polling, and campaign facilities. Speakers represent local, state, and national levels of politics.

INSTITUTE OF HUMAN RELATIONS

The Institute of Human Relations is dedicated to bringing the academic resources of Loyola to the Greater New Orleans area, the State of Louisiana, and to five surrounding dioceses of the Catholic church. To this end, the institute sponsors continuing programs as well as seminars and workshops, social action and educational programs, and produces special publications on current social issues.

Among the continuing programs are the Louisiana Committee for the Humanities, a state-based program funded by the National Endowment for the Humanities; the Labor-Management Center which conducts courses for members of organized labor in the New Orleans area; BLUEPRINT, a social action newsletter published nine times per year and received by some 3,400 persons world-wide; and juvenile education and diversion programs for youths who have become involved with crime. Special programs have included programs at Loyola on medical ethics, women, drug abuse, child abuse, and the problems of the Third World.

Staff members of the institute have served on the Social Justice Curriculum committees of both Christian Brothers' schools and the National Catholic Education Association. The institute also serves in an advisory capacity to the Jefferson Parish Community Action Program, the Broadmoor Improvement Association, Total Community Action, the Jesuit Province Ministry to the Poor, the Vocational Technical Program of the Metro Area Committee, the U.S. Catholic Conference Justice and Peace Committee, and the Catholic Committee on Urban Ministry. The institute has also assisted LUCAP in acquiring funds for a general equivalency diploma (GED) program.

UNDERGRADUATE COURSES

COURSE NUMBER SYSTEM

Each course is assigned a number for identification purposes. A four-digit prefix identifies the subject area. Usually all courses taught by a department have one prefix although some, such as communications department, have several. The prefix is followed by a three digit number that identifies the particular course. This number is coded to give the level of the course. The following table gives that breakdown.

COURSE NUMBERING SEQUENCE

Number	Level of Instruction
001-099	Pre-College Level or Remedial Courses
100-199	Introductory Courses in the Colleges of Business Administration, Music, and City College
100-119	Introductory Courses in the College of Arts & Sciences
120-129	Introductory Common Curriculum Courses in the College of Arts & Sciences
130-199	Advanced Common Curriculum Courses in the College of Arts & Sciences
200-299	Introductory and Intermediate Courses
300-399	Intermediate and Advanced Courses
400-499	Advanced Courses for Majors and Selected Students
700-799	Introductory Graduate Courses
800-899	Advanced Graduate Courses

COMMON CURRICULUM — Introductory Courses

Six introductory courses are required: composition, mathematics, philosophy, religious studies, science, and world civilization. Students may take biology or chemistry or physics to satisfy the science requirement. See the section titled "Curriculum Design" in the chapter *College of Arts and Sciences* for test out provisions.

0201 122 **Cultural Biology** **3 sem. hrs.**
Formerly: BioSc 103. Range of subject matter: survey of plant and animal taxonomic groups, of major organ and other structural systems in man, introduction to principles of genetics, evolutionary history of life, and ecological principles.

0202 122 **Introduction to Chemistry** **3 sem. hrs.**
Formerly: Chem 103. This course presents to nonscientists an introduction to chemistry so that they may become concerned, clear thinking citizens. In a complex scientific and technological society, an average person must be able to understand chemistry-related problems, including drugs, medicinals, food, energy, pollution, space exploration, genetic engineering, and even life itself.

0217 122 **Composition Skills** **3 sem. hrs.**
Formerly: Engl 103. Intensive training in English composition. This course is designed to develop the student's ability to structure his or her thoughts, to take a position, and to defend it by turning information into evidence.

0222 122 **World Civilization** **3 sem. hrs.**
Formerly: Hist 103. This course aims to provide a universal perspective on the development of civilization and to illuminate the forces that have shaped our world up to the 16th century.

0223 122 **Mathematical Models** **3 sem. hrs.**
Formerly: Math 103. This course will treat the philosophy of model building, model types, model construction and analysis, and practical aspects of mathematical model building. Applications of modeling techniques will be made to everyday circumstances and to larger, world problems, such as population.

0233 122 **Introduction to Philosophy** **3 sem. hrs.**
Formerly: Phil 103. This course will examine the three major conceptual divisions that make up the common curriculum structure (the speculative, the aesthetic, and the decisional). It will furthermore explore the nature and meaning of such concepts as being, truth, beauty, goodness, etc., and certain philosophical issues and problems.

0234 122 **Introduction to Physics** **3 sem. hrs.**
Formerly: Phys 103. The purposes of the course are (1) to familiarize the student with the behavior of physical reality, (2) to consider the manner in which scientists across the ages have philosophized on physical reality, (3) to contrast classical physics with modern physics, and (4) to foster within the students a scientific literacy.

0238 122 **Introduction to Religious Studies** **3 sem. hrs.**
Formerly: RelSt 103. The goals of this course are: to search for some insight into the many-sided phenomenon called religion by situating religion in human experience as a basic human concern and to provide an overview of the world's great religions (Hinduism, Buddhism, Chinese religion, Judaism, Christianity, Islam) in terms of basic similarities and differences.

COMMON CURRICULUM — Advanced Courses

Eight courses are required in the upper division, at least two in each studies area, with two each in philosophy, religious studies, and the premodern period. See the section titled "Curriculum Design" in the chapter *College of Arts and Sciences* for an explanation of the requirements. The advanced courses offered each semester are selected from among the courses listed below and additional new courses as they are approved.
AESTHETIC STUDIES: knowledge of aesthetic pleasure and the beautiful, including the terms, forms, meanings, and values relating to artistry. The ability to know a great symphony, novel, sculpture, painting, building. Knowledge of aesthetic principles and a sense of their shift through history. Knowledge also of the skill of making and the creative act — and

of the cultural, historical, and psychological facts that may bear upon the aesthetic experience. Emphasis upon critical, literate response as well as experiential response to art.

Aesthetic Studies — Pre-Modern

0206 130 **World Theatre I** **3 sem. hrs.**
Formerly: DrSp 250. The art of the theatre as seen in representative plays of the classical theatre from Aeschylus to Sheridan. Form criticism and its relevance to each period will be discussed. Also, mythological and biblical elements, imagery, metaphor, paradox — all of the linguistic and literary devices which add to the life of each play will be detailed.

0218 130 **Renaissance Masterworks** **3 sem. hrs.**
Formerly: Engl 382. The course will read major works of great European authors from the period 1350-1650 to give a sense of what constitutes the "renaissance." A series of important related themes will be traced in order to suggest what was the Renaissance system of values: individual and community, permanence and change, illusion and reality, art and nature.

0218 132 **Visions of Utopia** **3 sem. hrs.**
Formerly: Engl 352. Utopia is the possible vision of an impossible world (i.e., the best of all possible worlds), existing nowhere but in the mind and the mind's book, existing no time but now. To contemplate utopia as an idea, criticize it as a literary form, and participate in it as a means of aesthetic appreciation will be the purpose of the course.

0218 134 **Classical Aesthetics Through Literature** **3 sem. hrs.**
Formerly: Engl 364. In this course we shall, from a primarily historical perspective, inquire into the beginnings of art in the evolution of human existence as the objectification of the artist's labor within the social process. At the same time, we shall deal with such aesthetic questions as what is beauty? What is the function of art in human life and society?

0218 136 **English History Through Shakespeare** **3 sem. hrs.**
Formerly: Engl 363. The history plays of Shakespeare were written during the period of the Renaissance in England. This course is meant to exemplify the aesthetic interpretation of historical events through the force of Renaissance drama. (Also listed as 0222 134)

0221 130 **Catholic Tradition: Dante/*Divine Comedy*** **3 sem. hrs.**
Formerly: GkLtSt 300. *The Divine Comedy* of the Italian poet, Dante, represents a culmination point in the Christian culture of medieval Europe. It gathers together many threads of current events and earlier history to portray a whole civilization. It is literature which embodies Catholic belief and practice, political involvements, human sorrow, and human greatness.

0222 130 **Zen I** **3 sem. hrs.**
Formerly: Hist 292. The evolution of Japanese aesthetics and ascetics. An historical, theoretical, and practical course based on the historical foundations of the Japanese approach to the ideals of beauty and holiness and the distillation of these concepts in Zen. Stress is placed on learning and practicing vertical-non-image contemplation.

0222 132 **Medieval Christian Culture** **3 sem. hrs.**
Formerly: Hist 210. This course centers on the Christian heritage of the Middle Ages. Biographies and memoirs of spiritual and political leaders will be read and discussed to determine how the values of this Age of Faith influenced their lives, and as a result, the course of history.

0222 134 **English History Through Shakespeare** **3 sem. hrs.**
Formerly: Hist 240. (Same course description as 0218 136)

0250 130 **Medieval Aesthetics** **3 sem. hrs.**
Formerly: MFL-Lin 381. This course proposes to bring the student into the world of medieval Europe by introducing him to a way of thought that is different from the intellectual tendencies of classical antiquity and modern times. This goal will be reached through the panoramic study of literature, art, and music of the Middle Ages.

0404 130 **Hispanic Arts** **3 sem. hrs.**
Formerly: Mus 002. This course is a new approach to the extraordinary developments in the Aztec, Mayan, and Incan kingdoms. It begins in India and Asia Minor and shows the dawn of civilization there before moving on to the comparison with the same (later) development in the New World. New forms of art are studied: architecture, sculpture, painting, literature, and music.

0404 132 **Golden Age of Spain** **3 sem. hrs.**
Formerly: Mus 010. This course comprises a full examination of the glories of the artistic achievements of the new Spanish Kingdoms from about 1450-1650 — with incursions into architecture, art and sculpture, poetry and music.

0404 134 **Music and Liturgy** **3 sem. hrs.**
Formerly: Mus 009. This course traces the necessity for music (and dance) in liturgical worship. It begins in pre-Christian times, examining briefly the practices in the Far East and the Near East — coming through the Old Testament to Christianity. At the arrival of the Baroque Revolution, the liturgy became atrophied and had to await Vatican II for liberation.

0233 130 **Philosophy of Aesthetics** **3 sem. hrs.**
Formerly: Phil 215. In part, an inductive study of aesthetic experience, leading to an analysis of the concept of beauty in nature, art in general, and each of the major arts. Reflections on the aesthetic dimension of human existence, including the influence on man of natural beauty and the relationship of art and truth, art and morality, and art and religion.

0238 130 **Faith and Art** **3 sem. hrs.**
Formerly: RelSt 223. A comparison (and contrast) of the religious and artistic life of the Gothic and Baroque periods of our history, exphasizing the faith value in the great aesthetic works of these periods. Considerable use will be made of audio-visual materials and required outside reading.

0241 132 **Icon and Idea** **3 sem. hrs.**
Formerly: VsArt 373. The underlying reasons for the development of different cultures and their art styles from pre-history to the Roman civilization (about 100 A.D.). How the painting, sculpture and architecture of a culture reflects its world-view.

0241 130 **Medieval Art** **3 sem. hrs.**
Formerly: VsArt 336. The course will deal with the emergence and development of the art styles of the "Age of Faith," when the foundations of Christian art were laid. From the reign of Constantine to the beginnings of the Renaissance, we follow the spread of Christianity and see how the arts expressed the spirit and the values of the time and contributed to the fabric of our culture.

Aesthetic Studies — Modern

0254 130 **Screen Power** **3 sem. hrs.**
Formerly: Comm 376. This course aims to introduce students to an analytical model dealing with the ideological power of the screen with respect to its aesthetics, content, and audience appeal. Recent studies argue that film is not ideologically free and that any serious study of film history, aesthetics, or criticism should take this into account. (Also listed as 0218 144)

0252 132 **Popular Culture** **3 sem. hrs.**
Formerly: Comm 277. An analysis of how the popular arts (film, radio, television, popular music, newspapers, and popular literature) embody and continue the Western tradition of humanism manifest in works by such authors as Sophocles, Shakespeare, and Dickens (popular artists of their days).

0206 132 **World Theatre II** **3 sem. hrs.**
Formerly: DrSp 251. The art of the theatre as seen in representative plays from Ibsen to Albee. Form criticism and its relevance to each period will be discussed. Also, mythological and biblical elements, imagery, metaphor, paradox — all of the linguistic and literary devices which add to the life of each play will be detailed.

0206 134 **Film Odyssey** **3 sem. hrs.**
Formerly: DrSp 310. All of the films studied in this course exhibit a basic visual similarity: some image of quest, usually the explicit metaphor of the road. Thus each shows man in his search for meaning. There are visual uses of physical reality and certain camera techniques that effectively constitute a medium of hope and affirmation for contemporary man. (Also listed as 0238 132)

0218 138 **Lyric Mode** **3 sem. hrs.**
Formerly: Engl 366. Lyricism displays a tension between expressiveness and restraint. The tension is resolved in art through the media of language, sound, paint, etc. This course proposes to explore the lyric impulse especially in poetry, but in related arts as well, through the vantage of writings by authors such as Mailer, Mill, Maritain, Kroeber, and Sewell.

0218 140 **Comedy and Society** **3 sem. hrs.**
Formerly: Engl 359. Restoration and 18th century comedy of manners pose as a critique of the values of pleasure, idleness, and promiscuity that characterized the genteel and aristocratic world prior to the French-American-Industrial Revolutions. The course will explore a hypothetical "development" of comedy from the satire of personal manners (17th and 18th century) to a modern drama of "isms."

0218 142 **Marxism into Film** **3 sem. hrs.**
Formerly: Engl 354. This course provides a framework for understanding Marxist aesthetics as one of the aesthetic systems that had dominated European and Third World film. The general aim of the course is to enable students to understand Marxist aesthetics as a critical system, and further to learn how to apply this system to the study of film.

0218 144 **Screen Power** **3 sem. hrs.**
Formerly: Engl 376. (Same course description as 0254 130)

0218 146 **Latin American Film and Literature** **3 sem. hrs.**
Formerly: Engl 374. This course aims to introduce the student to the more significant fiction and films produced in modern Latin America, an area whose cultural richness and aesthetic achievement is still largely unknown in North America.

0218 148 **Romantic Vision** **3 sem. hrs.**
Formerly: Engl 351. This course will emphasize the aesthetic developed in the Romantic period as a response to demystifying forces in science, culture, religion, and psychology. The vision developed by Wordsworth and others in poetry and art altered the history of aesthetics and continues to affect today's art. (Also listed as 0241 138)

0222 136 **Zen II** **3 sem. hrs.**
Formerly: Hist 293. This course continues to probe in greater depth the concepts, theories, and actual practices of Zen I. This course presupposes and builds on the foundation of Zen I and brings the student along the historical, ascetical and aesthetical route that Zen has traveled into the 20th century.

0222 138 **History of Dance** **3 sem. hrs.**
Formerly: Hist 220. For proper aesthetic perception of a theatrical dance production, it is necessary to have an appreciation of the music, stage setting, and literary background of any plot used — in addition to an understanding of the dance itself. Consequently, in this course a cross-disciplinary approach will be used to gain aesthetic insight into the art of the dance. (Also listed as 0404 142)

0222 140 **Italian Culture and Civilization** **3 sem. hrs.**
Formerly: Hist 215. This course will endeavor to bring to the student political (city-state) and philosophical systems of Italy from the time of Dante to the present and to expose the student to Italian culture in many of its aspects. (Also listed as 0229 130)

0229 130 **Italian Culture and Civilization** **3 sem. hrs.**
Formerly: MFL-It 150. (Same course description as 0222 140)

0231 130 **Satire in Russian Theatre** **3 sem. hrs.**
Formerly: MFL-Ru 362. Russian authors and playwrights have been able, through the vehicle of satire, to affirm the enduring values of justice, freedom, and compassion and to attack the greed, avarice, oppression, and apathy prevailing in the country. This course will deal with plays in which political, social, or moral issues are raised.

0231 132 **Russian Culture and Civilization I** **3 sem. hrs.**
Formerly: MFL-Ru 380. This course will deal with many aspects of Russian culture, with specific emphasis on the main issues in a particular period. The problems of each period were reflected not only in the laws, but in literature, music, and often influenced the sciences.

0404 136 **Music Aesthetics** **3 sem. hrs.**
Formerly: Mus 007. Aesthetics is a philosophy concerned with the study of artistic values, the idealistic as well as the naturalistic. The course will include the music philosophies of the Medieval, Renaissance, Baroque, Classical, Romantic and Modern periods. In addition, the psychology of music will be examined.

0404 138 **Music and Meaning** **3 sem. hrs.**
Formerly: Mus 001. An introduction to music appreciation for non-music majors. The course is not historical but will deal with genres. For example, folk songs of the world — their origins, development, and use by composers in orchestral and choral works. Also, a discussion of form in music to enable students to understand the development and use of musical construction.

0404 148 **America's Music** **3 sem. hrs.**
Formerly: Mus 011. An account of American music — its history and development — and the events and social changes which shaped it, beginning with the music, dances and poetry of the Indian, the special music of the Revolutionary period, the invasion of foreign composers and styles, the beginnings of American self-sufficiency, and new vistas in music.

0404 142 **History of Dance** **3 sem. hrs.**
Formerly: Mus 012. (Same course description as 0222 138)

0404 144 **Understanding Musical Elements** **3 sem. hrs.**
Formerly: Mus 142. The course will attempt to increase aesthetic sensitivity to various styles of music through two means: first, through study of the structural elements of music (i.e., form, harmony, line, rhythm, etc.), and second, through understanding music as an humanistic endeavor by comparing selected musical compositions to contemporary painting, sculpture, architecture, and literature.

0233 132 **Art and the Industrial Revolution** **3 sem. hrs.**
Formerly: Phil 316. This course proposes to examine closely the portrayal of the Industrial Revolution and its associated changes by some English writers in the conviction that it is the artist above all who can portray in the concrete, who can make us feel what the Industrial Revolution *was*.

0234 130 **Genius in Arts and Sciences** **3 sem. hrs.**
Formerly: Phys 300. By reflecting on some of the great moments of human creativity in the "Two Cultures" of the arts and sciences, the course develops an appreciation of imaginative genius as a common factor in the highest achievements of mankind. Particularly in the scientific aspects of the course, the emphasis will be on the underlying simplicity of the insights of genius. (Also listed as 0234 132, Speculative Modern)

0235 130 **Politics and Film** **3 sem. hrs.**
Formerly: PolSc 112. Films should not be thought of purely as entertainment or art; films also reflect the attitudes and values of a society, including those which refer to the allocation and achievement of the society's ends — i.e., its politics. Cinema does not exist in a state of innocence; it also has a political content, whether conscious or unconscious, hidden or overt.

0238 132 **Film Odyssey** **3 sem. hrs.**
Formerly: RelSt 310. (Same course description as 0206 134)

0241 134 **Avant-Garde and Tradition in Art** **3 sem. hrs.**
Formerly: VsArt 332. The course will deal with the establishment of 20th century Avant-Gardism in art in all of its manifestations. It will trace the developments of Fauvism, Cubism, Dada, Surrealism, etc., and will show that all of these movements were attempts by artists to break down traditional conventions in order to refurbish Western culture.

0241 136 **New Orleans Aesthetics** **3 sem. hrs.**
Formerly: VsArt 377. This course aims to bring the values and traditions of local culture to students. New Orleans is a showplace of architectural styles and displays varied influences in painting, literature, sculpture and city planning. The city will be the central content of the course, with readings from books on aesthetics and New Orleans art and architecture. Field trips.

0241 138 **Romantic Vision** **3 sem. hrs.**
Formerly: VsArt 351. (Same course description as 0218 148)

DECISIONAL STUDIES: questions of moment — moral and pragmatic problems relating to critical issues (for example, hunger, bio-ethics, energy, population). Knowledge of other periods and cultures as they responded to momentous questions and of how important decisions affect the course of human affairs. Knowledge of the grounds for moral decisions and of how to evaluate the present in light of the past and accelerating advances in knowledge. Knowledge of the complicated and specialized decision-making that occurs in moral, social, and political contexts.

Decisional Studies — Pre-Modern

0206 136 **Stage Left/Stage Right** **3 sem. hrs.**
Formerly: DrSp 253. Stage Left and Right are spatial terms (from the actor's point of view) that function ideologically (from the playwright's point of view) in this course. Generally, a play is heavily weighted toward one or the other. The values for which men struggle and often die will be explored in plays both old and new.

0218 150 **Drama of Ethical Choice** **3 sem. hrs.**
Formerly: Engl 255. This course deals with serious literary works that are concerned with the question of the nature of ethical choice. The emphasis will be on works that examine individual and personal problems of ethical choice; however, the political and religious aspects of ethical problems will be examined as well.

0218 152 **Renaissance Drama of Decision** **3 sem. hrs.**
Formerly: Engl 357. The Renaissance was a period of great intellectual, religious, and social upheaval. After examining how Machiavelli, Montaigne, and Bacon treat the problems involving value decisions in these various areas, the course will look at the way in which the recurrent decisional problems of the Renaissance are dramatized in five great plays.

0222 142 **Slavery and Race Relations in the Americas** **3 sem. hrs.**
Formerly: Hist 120. The focus of this course will be a comparison of race relations and slavery in the Americas with major attention given to isolating the differences in the nature of slavery and race relations in the United States prior to the 20th century. It is hoped that such a comparison will lead to a better understanding of the problems faced by any multi-racial society.

0238 134 **Christian Mysticism** **3 sem. hrs.**
Formerly: RelSt 263. An attempt to describe the character and development of Christian mysticism from the early church to the time of Theresa, John, and Ignatius, with special emphasis on the apophantic theology of the Greeks and on the present day significance of the 16th century mystics.

0238 136 **The New Testament Parables of Jesus** **3 sem. hrs.**
Formerly: RelSt 245. In this course the parables of Jesus will be studied as language-events, that is, as stories which necessarily engage the hearer in a personal struggle to understand their deeper level of meaning. As such, they challenge the hearer to re-examine his world and its presuppositions and to make decisions based on a reversal of previously-held expectations.

0238 138 **Bible and Morality** **3 sem. hrs.**
Formerly: RelSt 249. This course will look at the specific moral teaching in the Israelite tradition, the teaching of Jesus and Paul and James in the early church. The emphasis will be to discern what are the distinctive moral insights of this tradition in comparison with their contemporary ethical milieux.

0238 140 **Biblical Wisdom Literature** **3 sem. hrs.**
Formerly: RelSt 305. Jeremiah's saying that "the law shall not perish from the priest, nor counsel from the wise, nor the word from the prophet" calls attention to three basic categories of moral and religious influence in Israel. Whereas biblical courses generally emphasize priestly and prophetic material, this one will concentrate exclusively on the wisdom literature.

Decisional Studies — Modern

0201 130 **Human Ecology** **3 sem. hrs.**
Formerly: BioSc 319. A consideration of the basic concepts of ecology, including the nature of the ecosystem, energy flow, biogeochemical cycles, and the characteristics of populations and communities of organisms. The role of man in the ecosphere will be emphasized, with particular attention to human population problems, food production, pollution problems, etc.

0202 130 World Food and Nutrition **3 sem. hrs.**
Formerly: Chem 127. A brief review of the nutritional requirements of man, followed by the historical means by which man satisfied these requirements. This review will serve as background material for an intensive discussion of the modern world food situation and possible future solutions of the possible and real problems.

0202 132 Chemistry in the Environment **3 sem. hrs.**
Formerly: Chem 124. This course intends to introduce students to some factual chemistry and physics so that intelligent discussions can be held on such timely and important topics as: "Aerosols and the Ozone Layer"; "EPA and the Automobile Industry"; "Pesticides, Pelicans, and People"; "Carcinogens in New Orleans Water"; and "Energy Production and Pollution."

0252 134 Media and Consumers **3 sem. hrs.**
Formerly: Comm 271. One goal of this course is to acquaint students with those theories and techniques of mass communications which are going to impinge upon them. The problem to be discussed in the course is one of communication engineering (i.e., how we can better organize our use of mass media materials in a society overloaded with information).

0303 130 Economics and Society **3 sem. hrs.**
Formerly: Econ 200. The course is designed to introduce the student to the tools available for understanding and making decisions about current problems such as unemployment, inflation, crime, education, pollution, etc. The proposition held is that basic economic concepts are essential in making better decisions about everyday problems, and these concepts are applied to analyzing several current problems.

0218 154 Literature of Struggle **3 sem. hrs.**
Formerly: Engl 358. The literature of this course deals with man in his relation to the world and the tensions between them, or life seen as a series of struggles, some of which are successful, some of which are not, but all of which are worth the effort. The course is designed to show man as the maker of his world through struggle.

0222 144 Discovering the Third World **3 sem. hrs.**
Formerly: Hist 250. Within broad chronological periods and representative regions the focus will be upon certain basic institutions, patterns of behavior, and attitudes which have had impressive continuity in the Third World: hacienda, plantation and associated social patterns, mining enclaves, elitism, and racism, and a tradition of private right in public office.

0222 146 American Revolution **3 sem. hrs.**
Formerly: Hist 206. Historians legitimately concern themselves with the nature of revolution, attending in large measure to the influence of impersonal factors. Using the American Revolution, we will examine the reciprocal effect which certain men and the Revolution have had on each other. Motives, techniques, freedom of action, and alternatives available will be assessed.

0222 148 History and Philosophy of Labor **3 sem. hrs.**
Formerly: Hist 212. The organization of labor is a crucial factor in any comprehensive understanding of the foundations of societal decision making processes, the formation of its conceptual structures, and the general spiritual orientation of society. In discus-

sions, students will be expected to make critical analysis of problems confronted by labor in its history. (Also listed as 0233 148)

0404 146 Music Criticism in Twentieth Century Literature **3 sem. hrs.**

Formerly: Mus 242. This course will review selected literature by twentieth century authors who have criticized music and its role in society. Compositions, representative of the styles criticized, will be heard and analyzed in light of the particular author's criticism. No particular musical skill or experience is required to take the course.

0233 134 Medical Ethics **3 sem. hrs.**

Formerly: Phil 317. After a review of ethical principles, the course treats problems such as the following: lying and professional secrecy, the "pill," artificial insemination, abortion and the right to life, euthanasia and the duty to live, problems relating to surgery, organ transplants, experimentation on humans, genetic manipulation, cloning, etc.

0233 136 Modern Isms **3 sem. hrs.**

Formerly: Phil 334. The theoretical foundations of modern systems of political order: Communism, Facism, Anarchism, and democratic liberalism. The course investigates the modern theoretical basis of all modern "isms" in the rejection of the ancient conception of nature and human nature, and the theoretical differences of the various "isms."

0233 138 Social Ethics **3 sem. hrs.**

Formerly: Phil 345. An in-depth examination of social issues, situating philosophical and theological reflection within the social structuralist dialectic. The aim of the course will be to enable the student to see social problems from a social point of view in the perspective of philosophical and theological sources.

0233 140 European World-Views **3 sem. hrs.**

Formerly: Phil 339. This course will study the evolution in Europe of world-views from the modern period to the contemporary period, with special emphasis on the transition from the 19th to the 20th century. It will present the underlying basis for different value appropriation. Many problems emerge in today's culture which have their roots in the changes of the 19th century.

0233 142 American Value Options **3 sem. hrs.**

Formerly: Phil 340. An examination of the theoretical basis for varying value structures as developed by the major American philosophers, with an emphasis on the unifying traits within various American positions as well as the diversity among them. The student will be expected to use his understanding of the material in coming to grips with his own value orientation.

0233 144 Philosophy of Law **3 sem. hrs.**

Formerly: Phil 344. Conflict over fundamental social values is the stuff of law. This course will examine some of these particular conflicts: liberty of speech vs. the requirements of national security, pornography vs. public morality, criminal due process vs. public safety, etc. The focus will be on the moral argumentation of the courts in deciding these issues and others.

0233 146 **War and Peace** **3 sem. hrs.**
Formerly: Phil 347. An examination of moral values related to war and peace; justifications for war; limits in conduct of war; conditions for peace; etc. Among issues to be discussed are the just-war doctrine; pacifism; nuclear warfare; arms control; war crimes. The issues discussed are central to intelligent decisions by citizens on war, defense, and arms policy.

0233 148 **History and Philosophy of Labor** **3 sem. hrs.**
Formerly: Phil 334. (Same course description as 0222 148)

0233 150 **American Search for Justice** **3 sem. hrs.**
Formerly: Phil 333. This course will examine four crucial conflicts and debates in American history regarding social and political justice; the Constitution, slavery, Progressivism-New Deal, and the civil rights of the 70's. Then it will situate the debates in their historical context to show how political, economic, and factors other than ideas alone influenced actual outcomes.

0233 152 **Making Moral Decisions** **3 sem. hrs.**
Formerly: Phil 303. Initial lectures on the principles of personal and moral decision-making will lead to consideration of the general ethical positions influential on the current American scene: egoistic, legalistic, and cultural relativism, situationism, hedonism, moral sense theory, pragmatism, naturalism, natural law theory, psychoanalysis, existentialism, etc.

0233 154 **Modern Social Philosophy** **3 sem. hrs.**
Formerly: Phil 326. This course will philosophically and historically define a "social problem" which reached its peak in the late 19th and early 20th centuries. The problem is more than a question of wages; it is a struggle of individuals and people for a life that is more worthy of man.

0235 132 **Comparing Political Experiences** **3 sem. hrs.**
Formerly: PolSc 118. An examination of the political systems of two North American nation states (Canada and Mexico) as a means of analyzing how differing systems deal with universal political problems such as national identity, allocation of values, and participation in governmental decision-making.

0235 134 **Politics and Corruption** **3 sem. hrs.**
Formerly: PolSc 114. The issues of morality and corruption in American political life, with some reference to patterns in other societies. The basic questions are: What moral standards guide the politician? What standards should guide him? How widespread is corruption in America and what forms does it take? What can be done to make the system work better?

0238 142 **Christian Ethics** **3 sem. hrs.**
Formerly: RelSt 332. The course wants to investigate the values which seem to be the dominating ones by which the modern Christian guides his life in the light of what has been understood as "Christian Ethics" and in the light of the demands of life today. This will require some discussion of basics: the meaning of humanness, of ethics, of norms, and of goals.

0238 144 **Social Policy and the Christian** **3 sem. hrs.**
Formerly: RelSt 376. This course is intended as an analysis of Christian social teachings in the 19th and 20th centuries. The goal of the course is understanding the Christian's responsibility in the formation of social policy, grounded in the great ideas and values of his/her age, and calling for decisions which involve the person in social policy issues. (Also listed as 0239 134)

0238 176 **Christian Social Reform (U.S.)** **3 sem. hrs.**
Formerly: RelSt 372. An analysis of social issues in the U.S. and Christian responses to these problems in their historical context (e.g., slavery, 19th century economic liberalism, etc.). The analysis will lead to study of contemporary Christian attempts to formulate model social policies.

0238 178 **Religious Reflections on Prison Experience** **3 sem. hrs.**
Formerly: RelSt 374. The prison experience has influenced the lives of eminent thinkers from St. Paul to Fr. Dan Berrigan. Incarceration has led to some of the most provoking and penetrating statements in the history of religious thought. Study of such texts can lead students to grasp certain fundamental issues of the religious experience.

0239 130 **Planning Social Change** **3 sem. hrs.**
Formerly: Socl 289. A dialog on social change in the world and on the prospects for planning the future shape of human society. Three main issues: (1) the degree to which man is now or soon can be in control of the process and direction of social change; (2) the feasibility of controlling social change; and (3) the desirability of controlling the future of society.

0239 132 **Social Problems in American Society** **3 sem. hrs.**
Formerly: Socl 201. A broad one semester survey of contemporary social problems in American society. Topical areas include: population, poverty, family, race relations, delinquency, addictions, and health.

0239 134 **Social Policy and the Christian** **3 sem. hrs.**
Formerly: Soc. 346. (Same course description as 0238 144)

0239 136 **Population** **3 sem. hrs.**
Formerly: Socl 310. This course is a survey of basic demographic principles coupled with an inquiry into most relevant issues related to the present state of the United States and world population and their immediate future, particularly concerning the problems of energy, food, and environment.

0239 138 **Third World Decision-Making** **3 sem. hrs.**
Formerly: Socl 320. A feature common to most developing countries is a central planning agency; these agencies attempt to develop comprehensive plans for modernizing the country, i.e., improving the quality of life. The thrust of students' decision-making process will be on the problems of the moral costs of modernization with attention to Roman Catholic countries with Judaeo-Christian institutions.

SPECULATIVE STUDIES: ideas and reflection — the skill of examining and speculating. Meditation, contemplation, and the creative imagination. Knowledge of scientific, theological and philosophical speculation,

past and present. Also, speculation about the future. Concern with great thinkers of all ages and the responses they make to their time and circumstance. The ability to generalize from specific information and make connections with other bodies of knowledge. To experiment, evaluate evidence, imaginatively formulate hypotheses. To test one's speculation to become free from mindless conviction and commitment.

Speculative Studies — Pre-Modern

0218 156 **Renaissance Man** **3 sem. hrs.**
Formerly: Engl 362. The course will analyze the concept of the "Renaissance Man" in terms of values by which people defined themselves. Many rival value systems flourished during this period, creating differing "models" of what man is or should be. Plays, poems, essays, and the visual arts will be used to show how such various models informed the consciousness of the age.

0221 138 **Justice in Greek Literature** **3 sem. hrs.**
Formerly: GkLtSt 351. Justice is the foundation-stone of civilized society. It is at once the condition and the means of concord and harmony among men. The Greek poets and philosophers were among the first to investigate the nature of justice. Examination of their writings on the subject can alert latterday students to its importance and to its nature.

0221 132 **Socrates and Jesus** **3 sem. hrs.**
Formerly: GkLtSt 383. The thoughts of Socrates and Jesus will be examined in the writings of their disciples, followers, and admirers. Close comparison and contrast of these remarkable teachers in their life and death should provoke fruitful discussion and reflection for undergraduates.

0222 150 **Rise of Religious Toleration** **3 sem. hrs.**
Formerly: Hist 211. Toleration, or the acceptance of religious dissent, can be seen as a part of the process in history which has led to a gradual acceptance of the principle of human freedom. In this course we intend to show that this development, involving a contest between religious orthodoxy and freedom of conscience, has been by no means regular. (Also listed as 0238 150)

0222 152 **Social History of Greece and Rome** **3 sem. hrs.**
Formerly: Hist 203. This course is an inquiry into the daily life, religious beliefs and practices, public and private morals, institutions (e.g. slavery), condition of women, amusements, and similar categories which will emerge in the course of study. The inquiry will center on Greece and Rome, though other ancient Western cultures may also be studied.

0222 154 **Egyptians: A Social History** **3 sem. hrs.**
Formerly: Hist 204. The social history of ancient Egypt will attempt to impart to the student a speculative knowledge of the life style and values of the ancient Egyptian people. Subjects include: slavery, the family, daily life, recreation, the position of women, the classes, health and sickness, morality, and religious practice.

0250 132 **Language and Culture I** **3 sem. hrs.**
Formerly: MFL-Lin 310. The development of man and language from cultural, historical, psychological and linguistic aspects. The history of language from early records to the Renaissance. An inquiry into distinctive linguistic types as regards morphological and

phonological development and in the Indo-European groups as reflecting cultural and sociological differences.

0233 158 Philosophy of Man **3 sem. hrs.**
Formerly: Phil 204. The nature of man based on the metaphysics of St. Thomas Aquinas. The first part of the course is devoted to uncovering certain perennial problems as presented by Plato and five modern thinkers (Marx, Freud, Sartre, Skinner, and Lorenz). The bulk of the course is a detailed analysis of the nature of man as seen in the works of St. Thomas Aquinas.

0233 160 Cosmologies and Ethics **3 sem. hrs.**
Formerly: Phil 210. This course will attempt to explore the influence of man's view of the world on his value judgments: the Homeric ideal; chthonians, Olympians, Orphics, the rise of philosophy (pre-Socratics); Socrates-Plato; Aristotle; Epicureanism vs. Stoicism; the transition from pre-Christian to Christian thought; Augustine, and Aquinas.

0233 162 Classics in Moral Literature **3 sem. hrs.**
Formerly: Phil 213. A study of classics in moral literature that reflect the gradual transformation of moral consciousness in antiquity, including readings from Plato and Aristotle. The implications of ancient moral thought and its abandonment by modernity will be examined in two classics of modern moral literature, one from Immanuel Kant and the other from Friedrich Nietzsche.

0235 136 History of Political Thought **3 sem. hrs.**
Formerly: PolSc 313. This course approaches the development of political thought from a "traditional" view, employing cultural history and traditional philosophy to review the social, historical, and political contexts of thinkers such as Plato, Aristotle, Augustine, and Aquinas, among others.

0235 138 Roots of Democracy **3 sem. hrs.**
Formerly: PolSc 111. What is the nature of the "democratic dream?" Can individualism be reconciled with majority rule? Is the individual quest for power and selfish goals compatible with some concept of the "general welfare?" The effort to formulate answers can lead to understanding the assumptions and values which have made democracy such a compelling and enduring dream.

0238 146 Judaism I **3 sem. hrs.**
Formerly: RelSt 207. An overall picture of Judaism, its customs, its rituals and its festivals; a study of the prophets of Israel: Amos, Hosea, Isaiah, Jeremiah, and Ezekiel and the influence of their message upon the teachings of Jesus and later upon the Christian Church. Jesus, his life and message, will be studied from the Jewish point of view.

0238 148 Christian Origins **3 sem. hrs.**
Formerly: RelSt 351. The rise and development of primitive Christianity within the context of the larger social world of Hellenistic culture and civilization. Attention to such questions as Christianity's development of a distinctive ritual, its millenial tendencies, its ethical code and its community structure and organization, against the background of other similar developments.

0238 150 Rise of Religious Toleration **3 sem. hrs.**
Formerly: RelSt 211. (Same course description as 0222 150)

0239 140 **Development of Social Thought** **3 sem. hrs.**
Formerly: Socl 307. Origins and the more important developments of social thought in ancient and pre-Western civilizations are explored. Major epochs of Western thought are studied in order to define the most important traits of setting in which social sciences (and particularly sociology) were born in the 19th century.

Speculative Studies — Modern

0218 158 **World of Signs** **3 sem. hrs.**
Formerly: Engl 353. The aim is to speculate about the relationship between the world of signs and the world of art. One half of the semester will be devoted to sign theory (semiology). The second half will concentrate upon sign-making as a thematic as well as a technical concern of some writers (Pynchon, Percy) and filmmakers (Bogdanovitch, Altman).

0218 160 **Fiction — Horror** **3 sem. hrs.**
Formerly: Engl 361. The presence of horror in literature is obvious: it also has its place in painting, opera, pure music, and ancient and contemporary drama. The student will learn to analyze the recurring structures that pull the reader/viewer into the fictional experience of horror and to recognize that horror fiction is one way of making sense out of personal experience. (Also listed as 0236 134)

0218 162 **Unfinished Man** **3 sem. hrs.**
Formerly: Engl 252. This course deals with the notion that humanity is still evolving, that human history has not yet begun — although, because of the nature of Western thought, its economic and political doctrines and its metaphysical notions, man indeed appears to be finished. If the world is idea, then humanity can choose to become — within certain limits — whatever it wants to become.

0221 134 **Catholic Tradition — Newman: *Idea of a University*** **3 sem. hrs.**
Formerly: GkLtSt 301. Cardinal Newman's literary and philosophical masterpiece on the nature of liberal education includes in its nine sections a lecture on "Knowledge as its own End" and another on the "Role of Theology" in a Catholic university. Newman's ideas challenge American educational pragmatism.

0221 136 **Catholic Tradition — Newman: *Apologia*** **3 sem. hrs.**
Formerly: GkLtSt 303. John Henry Newman's *Apologia Pro Vita Sua* is a spiritual autobiography tracing his journey from Anglicanism to Roman Catholicism. Written in reply to an accusation of insincerity, this vigorous "Defense on Behalf of his Life" constitutes a history of Newman's religious opinions from early adolescence through the time of his conversion and until 1864.

0222 156 **Hero in American History** **3 sem. hrs.**
Formerly: Hist 200. Americans, no less than other peoples, are inveterate hero worshipers. Indeed, it has been asserted that man needs heroes not only to survive but also to progress. In this decade, however, we have become increasingly disillusioned with modern heroes. The purpose of this course is to examine what constitutes a hero for Americans.

0222 158 **Quest for American Identity** **3 sem. hrs.**
Formerly: Hist 207. This course will focus on the challenge presented to the values of America during the period of maturation that came with the events and developments of the 20th century. Beginning with value-perceptions from both high and popular culture (Adams and Burroughs) around the turn of the century, the course will proceed to present-day writers.

0222 160 **WWI in History and Literature** **3 sem. hrs.**
Formerly: Hist 223. After viewing the experience of men in the ranks through novels and memoirs written by participants, the students will consider what this war did to those who fought, how they viewed their experience, how it altered their vision of themselves, society, and their governments, and how they related to their own civilian compatriots, and the enemy.

0222 162 **Divergent Paths** **3 sem. hrs.**
Formerly: Hist 121. An inquiry into the complex origins of the two great, but profoundly dissimilar, cultures which dominate the Western hemisphere, this course explores the sources of those historical and cultural disparities which have long divided Anglo and Latin America. This investigation should contribute to a fuller understanding of the meaning of "Western-ness."

0222 164 **The American Left in the 20th Century** **3 sem. hrs.**
Formerly: Hist 208. An investigation of the effects of the success of liberalism on the values, views, and aspirations of Americans during this century — a century marked by affluence and the rise of "mass culture" and the "post industrial society." This will be done, to a large extent, by examining the criticism of liberalism coming from the Left throughout the 20th century.

0228 130 **Intellectuals — Their Role in Society; Case: Weimar Republic** **3 sem. hrs.**
Formerly: MFL-Gr 360. The role of the intellectual in society is the subject of this course. Germany, 1918-33, provides a fascinating case study of the issue. Why did the ideas of Adolf Hitler appeal to a nation which included Mann, Hesse, Brecht, Heidegger, Jaspers, Einstein, Heisenberg, Bonhoeffer, Lang, and others?

0231 134 **Freedom in Russian Literature** **3 sem. hrs.**
Formerly: MFL-Ru 350. A reading and discussion course in 19th century Russian literature stressing the value of freedom (or lack of it) and its relation to justice (or lack of it) as expressed in works of Russian masters.

0231 136 **Justice in Russian Literature** **3 sem. hrs.**
Formerly: MFL-Ru 351. Discussion of justice as a value from the point of view of the judicial, the ethical, the social and the political, including the concept of freedom of the individual in his relation to society, government, etc.

0250 134 **The Role of Language** **3 sem. hrs.**
Formerly: MFL-Lin 376. How does language work? What is the relationship between "word" and "thing?" How does a people's language affect its culture or its view of the world? Is language *the* key factor separating man from the other animals? Discussion of the major theories about language which are of general importance and practical interest to students in a variety of disciplines.

0233 164 Scientific Revolutions **3 sem. hrs.**
Formerly: Phil 322. A critical study of two aspects of revolutions in science: (1) revolution in theoretical concepts and (2) cultural revolutions caused by the application of these concepts. A philosopher and a scientist will assess what scientists do and evaluate how the practice of science is influenced by cultural factors.

0233 166 Analysis of Existence **3 sem. hrs.**
Formerly: Phil 343. A metaphysical reflection on the problems raised by the all-pervasive datum, existence: its meaning, its cause, its characteristics, its conceivableness.

0233 168 Themes in American Philosophy **3 sem. hrs.**
Formerly: Phil 352. The course will examine, compare, and contrast the basic themes and points of view of the major classical American philosophers (Pierce, James, Dewey, Royce, Santayana, Whitehead).

0233 170 Philosophy of Knowledge **3 sem. hrs.**
Formerly: Phil 304. A philosophic examination of the origin and nature of man's knowledge, with a focus on the diversity of philosophic perspectives which have been brought to such an examination, the problems arising within and insights offered by each perspective, and the interrelationships among the various perspectives.

0233 172 Philosophy of Education **3 sem. hrs.**
Formerly: Phil 321. Educational aims and procedures reflect fundamental normative judgments about what a good person is and what a good society is. An examination of some of the ideals of personhood and society that ought to be central to education, with special concern for the meaning of moral liberal education for individuals, and justice, equality, and democracy for schools.

0233 174 Man and Violence **3 sem. hrs.**
Formerly: Phil 341. An exploration of the nature and the use of violence from the point of view of the philosopher. How to deal with violence is a problem that has been resolved differently by different historical epochs, from antiquity to modernity. The examination will consider three images of man: classical, Renaissance, and modern.

0233 176 Experimentation, Ethics and the Law **3 sem. hrs.**
Formerly: Phil 351. This course will investigate experimentation in science dealing with human subjects. The experimentation will be considered in three modes: (1) description of the research, (2) ethical issues raised by the research and/or its application, and (3) legislative policy and judicial decisions relevant to the research.

0233 178 Philosophy of God **3 sem. hrs.**
Formerly: Phil 307. This course will treat the existence and nature of God according to the philosophies of Kant, Anselm, Aquinas, and Whitehead. Among the topics of discussion will be: atheism, in several of its types; agnosticism; theism; and process philosophy and theism.

0233 180 Freedom and Oppression **3 sem. hrs.**
Formerly: Phil 323. The conceptual relationship of freedom and oppression, how the philosophical limits of the former determine (limit) our understanding of the latter and, hence, our ability to resolve the problems of oppression. Readings in Marx, Skinner, and

Camus will disclose the three major conceptions of freedom presupposed in the actions and concerns of modern man.

0233 182 World-Views in Transition **3 sem. hrs.**
Formerly: Phil 319. This course will examine the intellectual and cultural developments which gave rise to the "modern" world-view and how it has shaped American thought through the centuries. The course will then explore the gradual shift in America from a "modern" to a "contemporary" world-view, showing that American thought exists within a period of world-views in transition.

0233 184 Philosophical Themes in Literature **3 sem. hrs.**
Formerly: Phil 352. An examination of selected literary works in terms of the major problems that affect the contemporary person. The course will center on the problem of choice in an age of nihilism, the attempt to find a ground for faith in a skeptical period, and an adequate definition of the nature of man in the face of scientism.

0234 132 Genius in Arts and Sciences **3 sem. hrs.**
Formerly: Phys 300. (Same course description as 0234 130, Aesthetic Modern)

0234 134 Astronomy **3 sem. hrs.**
Formerly: Phys 298. The purpose of this course is to place the participant in a cultural mainstream of mankind's past, present, and future by making available the rich mines of both historical (practical) astronomy and space age discoveries and theories in a comprehensive and comprehensible form.

0234 136 Modern Physics Ideas **3 sem. hrs.**
Formerly: Phys 204. The foundations of the two major theories of contemporary physics: relativity and quantum theory. The approach will be conceptual with no physics background assumed. The aim will be to introduce the student to the frame of reference in terms of which we must view the universe in the very large, cosmological, and in the very small, subatomic scales.

0235 140 American Political Thought **3 sem. hrs.**
Formerly: PolSc 116. A roughly chronological survey of some basic themes in American political thought as expressed by some of the key figures in American political history, beginning with the seventeenth century European origins of American political thought and extending to modern attempts to strike a balance between individual rights and societal needs.

0236 130 Models of Man **3 sem. hrs.**
Formerly: Psy 003. Three orientations dominate modern psychology. Each uses a different model of man in its explanations of human behavior. The three models form the content focus of the course. Each model is represented by a major psychologist (Freud, Skinner, Carl Rogers), with the student reading a major work by each man and an explanatory commentary about each system.

0236 132 Evolution of the Human Mind **3 sem. hrs.**
Formerly: Psy 005. The questions of man's origins — whether special creation, evolution, or an answer in the von Daniken tradition — occupies the student in this course: which position is best supported by the data? The student's decision-making abilities, including sound logical thought, will be questioned and sharpened.

0236 134 **Fiction — Horror** **3 sem. hrs.**
Formerly: Psy 007. (Same course description as 0218 160)

0238 156 **Judaism II** **3 sem. hrs.**
Formerly: RelSt 208. Topics for discussion will include the prophetic background of Christianity, the oral law and legacy of Israel, the Jew and the Mohammedan world, the Jew in the Middle Ages, the Russian nightmare, the revival of anti-Semitism, the Nazi holocaust, the American dream, the land of Israel.

0238 158 **Christianity and the Meaning of History** **3 sem. hrs.**
Formerly: RelSt 355. This course is concerned with theology of history rather than philosophy of history. It will examine various theological and philosophical efforts to read history as a reasoned, orderly process that is the work of God who endows it with a finality; the secularization of this perspective leading to its replacement by modern myth of progress.

0238 160 **Ignatian Spirituality** **3 sem. hrs.**
Formerly: RelSt 456. An historical and ascetical approach to the spirituality of Ignatius Loyola, Jesuit founder. Emphasis on the counter-reformation and the significance of Ignatian thought in the Baroque era. The meditative and contemplative phases of Ignatian exercises constitute the unique speculative activity of Jesuit spirituality, to be studied as a component of the course.

0238 162 **Christian Humanism** **3 sem. hrs.**
Formerly: RelSt 415. This course is designed to introduce students to the complex traditions within Christendom involving humanistic values. The basic text will be *Religion and World History*. Other reading requirements from classics of Dawson, Maritain, E.I. Watkin, as well as more recent works of Urs von Baltasar, Garaudy, William Lynch, and the philosophers of "Hope."

0238 164 **20th Century Religious Thought** **3 sem. hrs.**
Formerly: RelSt 360. This course is an investigation of contemporary movements in theology. The schools of thought considered will include some or all of the following: fundamentalism, conservatism, liberalism, neo-Orthodoxy, liberation theology, death of God theory, futuristic theology, the Charismatic Movement, and post-Vatican II Roman Catholic theology.

0238 166 **Method in Religion, Ethics, and Science** **3 sem. hrs.**
Formerly: RelSt 353. The student will be led through a series of personal exercises to understand and verify his own processes of religious, ethical, and scientific knowledge and choice. Attention to the relation between religion and the human and natural sciences and to the process of progress, decline, and redemption of the human person and of society.

0238 168 **Mystery of Suffering** **3 sem. hrs.**
Formerly: RelSt 344. Suffering is the common experience of all peoples. For this reason all religions give it a place of central importance. In one sense, suffering is the cause of religion. What any religion has to say about suffering reveals its anthropology and its point of view about the purpose of existence.

0238 172 **Why the Church?** **3 sem. hrs.**
Formerly: RelSt 336. This course will begin with an examination of five models for understanding the Church — institutional, community, sacrament, herald, and servant. In examining and evaluating these models, an attempt will be made to clarify the meaning and role of the Church in the life of the contemporary Christian and in contemporary society.

0238 174 **Images of Jesus** **3 sem. hrs.**
Formerly: RelSt 352. This course aims at offering the broadest possible spectrum of images of the historical Jesus and the widest variety of opinions, ranging from the most traditional to the most radical. Emphasis is on the diversity of images. Each image is to be placed within its historical setting.

0239 142 **Self and Society** **3 sem. hrs.**
Formerly: Socl 260. An interdisciplinary view of the development of the "self," examining the theories of selected psychologists (Freud, Skinner, Erikson, Adler, Rogers) and social psychologists (Cooley, Mead, Thomas, Goffman). There is no universally accepted position on the process involved in the emergence of self and the answers theorists arrive at depend upon their mode of speculation.

HONORS COMMON CURRICULUM — Option Two

FIRST SEMESTER

0218 190 **Modern Masters** **3 sem. hrs.**
Formerly: Engl 150. (Aesthetics) A broad look at the literature and art of such modern masters as Stevens, Eliot, and Beckett (letters) and LeCorbusier, Wright, DeKooning, and Pollock (architecture and art).

0238 190 **Ethics and the Individual** **3 sem. hrs.**
Formerly: RelSt 150. (Decisional) A study of personal ethics — the limits, values, and inner life of man — in light of scripture.

0233 190 **Philosophers: Ancient and Modern** **3 sem. hrs.**
Formerly: Phil 150. (Speculative) Philosophy as experience. Primary readings in major philosophers, ancient through modern.

SECOND SEMESTER

0241 192 **Great Art Ages** **3 sem. hrs.**
Formerly: VsArt 250. (Aesthetics) A grand tour of the great art and architecture, music, and literature of significant ages.

0238 192 **Ethics of Community** **3 sem. hrs.**
Formerly: RelSt 250. (Decisional) An appreciation of the universality and complexity of the importance humans attach to community.

0233 192 The Transitional Philosophers: Reason and Reality **3 sem. hrs.**
Formerly: Phil 250. (Speculative) An examination of the break made with antiquity in the 17th century and of the subsequent transformation of philosophical speculation into the modern project to make man master and possessor of nature.

THIRD SEMESTER

0238 194 The Aesthetic Process **3 sem. hrs.**
Formerly: RelSt 350. (Aesthetics) Through study of a single medium or genre (e.g., paintings, film, or literature), this course attempts to understand the aesthetic process.

0202 194 Social Decisions **3 sem. hrs.**
Formerly: Chem 360. (Decisional) The personal and community ethics of the first year are brought to bear upon contemporary social and technical problems. Scientific approach to case studies.

0223 194 Modern Physical World **3 sem. hrs.**
Formerly: Math 350. (Speculative) The dramatic 20th century revolution in our thinking about the physical world: modern areas of speculation with reference to mathematical physics.

FOURTH SEMESTER

0218 196 Shakespeare's Reflexivity **3 sem. hrs.**
(Aesthetics) A focus on the aesthetic theory implied in Shakespeare's plays, particularly on the reflexive commentary on the social and psychological functioning of drama; study of the many "role-playing" scenes and the famous "plays within the plays."

0231 196 European Influences on Russian Art and Letters **3 sem. hrs.**
(Aesthetics) A week of instruction at Loyola, followed by a trip to London, Paris, Vienna, Kiev, Moscow, and Leningrad. Students will view the actual sites of architecture, visit museums where works of art are displayed, attend musical performances, and go on tours, such as the "Dostoevsky tour" in Leningrad.

0236 196 Academic Tests and Testing **3 sem. hrs.**
(Decisional) An investigation of academic tests, including the philosophy and psychology of testing and the hypotheses that the testing techniques are discipline-oriented. The later part of the course is directed to an examination of the relative merits of highly specialized tests (high-ability, creativity, career aptitude, personality, and the like).

0238 196 The Role of Law in the Ancient World **3 sem. hrs.**
(Decisional) The place of law in ancient society, emphasizing the Semitic codes of the ancient Near East (the Bible and Graeco-Roman laws), and its relationship to morality. The meeting of the Semitic-Judaic and the Graeco-Roman in the first Christian centuries produced the natural law and canon law of later times. Relevant social issues examined.

0233 196 **Models of Knowledge** **3 sem. hrs.**
(Speculative) A study of significant changes that have developed in understanding the nature of knowledge from ancient times to the present, focusing on four models of knowledge in the philosophies of Plato, Descartes, Dewey, and C.I. Lewis. Broad cultural, social, and scientific backdrops lead to the acceptance or rejection of each model.

FIFTH SEMESTER

0222 198 **Great Epochs of Man** **6 sem. hrs.**
A culminating study of important cultural eras in terms of the historical and the attendant literary movements that have shaped the development of mankind, including, among others, the age of Pericles, the middle ages, the Renaissance, the golden age of Spain, the industrial revolution and the modern age. The course will also study the great cultural movements of the East.

ACCOUNTING (0301)

Acct 100-101 **Principles of Accounting** **6 sem. hrs.**
Formerly: Acct 105-106. A basic course in accounting designed to familiarize students with the fundamental accounting principles and practices with a background to business through accounting. Emphasis is placed on the modern concepts of how accounting is used in the business world plus an introduction of cost and managerial accounting.

Acct 200 **Managerial Accounting** **3 sem. hrs.**
Formerly: Acct 203. A one semester terminal course designed especially for students who have selected a program of study other than accounting. As a further preparation for his or her business career using the fundamentals of accounting, the student is introduced to the uses of accounting data in the planning and control functions of management. Coordination of operating and capital budgets is among the concepts of management which are covered. Prerequisite: Acct 100-101.

Acct 205-206 **Intermediate Accounting** **6 sem. hrs.**
This course is designed to develop an understanding of modern accounting standards and concepts, acceptable form and techniques in the preparation of accounting statements. Detailed accounts are considered in both financial and income-determination statements. Special problems in corporate accounting, statement analysis, use of funds, and cash flow are considered. Prerequisite: Acct. 100-101.

Acct 210 **Accounting for Public Administrators** **3 sem. hrs.**
Principles of fund accounting, financial reporting and budgetary control in nonprofit organizations are covered. The use of accounting data for decision-making in the public sector is studied. Prerequisite: Acct 100-101.

Acct 300 **Federal Tax Accounting I** **3 sem. hrs.**
Formerly: Acct 314. This course introduces the student to the complexities of the revenue code, regulations, revenue rulings, and related court decisions as they apply to individuals. The mechanics of preparing federal income tax returns for individuals are covered. Tax planning is introduced. Prerequisite: Acct 100-101.

Acct 301 **Federal Tax Accounting II** **3 sem. hrs.**
Formerly: Acct 315. A course dealing with the requirements and mechanics of preparing federal income tax returns of partnerships, corporations, estates, and trusts. It also covers federal estate tax and gift tax returns. Tax planning is developed and tax research methods are introduced. Prerequisite: Acct 300.

Acct 400-401 **Advanced Accounting** **6 sem. hrs.**
Formerly: Acct 305-306. Principles and problems of advanced accounting relating to partnerships (including liquidation by installments), joint ventures, home office and branch accounting, consolidated financial statements, corporate mergers and capital readjustments, foreign exchange, receiverships, fiduciary, and fund accounting are covered. Prerequisite: Acct 205-206.

Acct 403 **Auditing Principles** **3 sem. hrs.**
Formerly: Acct 323. A course which acquaints the student with the procedures for conducting a general audit. Emphasis is placed upon the standards, philosophy, ethics, and responsibilities of the independent Certified Public Accountant in conducting an audit and upon the role and importance of internal control. Prerequisite: Acct 205-206.

Acct 405 **International Accounting** **3 sem. hrs.**
Formerly: Acct 330. This course will cover the various problems that arise in accounting for businesses invovled in international trade. Topics include valuation of assets and income determination under a system of flexible exchange rates, financial statement interpretation under differing sets of accounting standards, and tax liabilities arising from foreign operations. Prerequisite: Acct 200.

Acct 410 **Cost Accounting I** **3 sem. hrs.**
Formerly: Acct 317. This course is primarily designed to emphasize use of basic cost accounting theories and concepts of factory cost finding under job order, process, and standard cost systems. It embraces a study of control and analyses of materials, labor, and factory overhead, and introduces a system of assembling data for prompt transmittal and remedial action needed to serve management. Prerequisite: Acct 205-206.

Acct 411 **Cost Accounting II** **3 sem. hrs.**
Formerly: Acct 318. A course approaching cost accounting from the viewpoint of the managerial recipient (consumer) of internal accounting information. Concepts of the motivational relationship between standards and performances, on distribution cost analysis, and on profit variance analysis are a few of the concepts covered. Accounting data used for the processing and reporting of a firm's historical and projected microeconomic data assists management in planning future policies and operation, in making decisions, and in controlling and analyzing the costs and profits. Additional attention is given to the establishment of standards of evaluating the profit performance of organizational divisions, capital expenditures, sales emphasis, customer selection, and product pricing. Prerequisite: Acct 410.

Acct 415 **Integrated ADP and Information Systems** **3 sem. hrs.**
Formerly: Acct 340. The major emphasis is directed toward the problems of integrating automatic data processing and accounting information systems. Problems inherent in the development of systems are also covered. Prerequisites: Acct 205-206, CmpSc 171.

Acct 420 **Accounting Theory** **3 sem. hrs.**
Formerly: Acct 320. This course is designed to reinforce the advanced student's understanding of the theory upon which the practice of accounting rests. It examines the publications and pronouncements of the AICPA, particularly their Accounting Research Studies, the Accounting Terminology Bulletins, and the opinions of the Accounting Principles Board. This course is intended to prepare students for an important part of the C P A exam. Prerequisite: Acct 205-206.

Acct 493 **Special Topics in Accounting** **3 sem. hrs.**
Formerly: Acct 350. Topics covered include current issues in accounting: advanced study of tax, cost, auditing, information systems or other areas in accounting. Admission by permission of instructor.

Acct 499 **Individual Studies in Accounting** **3 sem. hrs.**
Formerly: Acct 398. Directed advanced individual projects. Admission by permission of instructor only.

ADMINISTRATIVE ETHICS (0308)

AEth 415 **Moral and Social Responsibility of Organizations** **3 sem. hrs.**
Prerequisites: Econ 200-201, Mgt 300 and Philosophy 302. After establishing the theoretical and practical legitimacy of business's concern with noneconomic matters, the course moves to examine the sources of societal pressure, business reaction, and the community's expectations. The entire spectrum of corporate and government activities are discussed against a framework of the demands made on the firm and government by forces outside of the marketplace. Corporate citizenship and government activities are examined in the light of practical considerations of available resources, interests, and public concern. A few of the areas touched upon are: human rights, education, ecology, consumerism, human resource development, etc. An attempt is made to synergize a corporate strategy in response to society's demands.

AEth 420 **Business Ethics** **3 sem. hrs.**
Prerequisites: Econ 200-201, Mgt 300. It will be the intent of this course to develop an awareness of ethical dilemmas that face managers in practical, day-to-day decision-making. It will focus attention on the meaning of ethics and some relevant aspects of various ethical theories; as well as sharpen skills in decision-making by applying models for ethical reflection to practical specific cases. In addition the student will become acquainted with some of the best literature in the areas of business and socio-ethical issues.

BIOLOGICAL SCIENCES

BioSc 101 **General Botany** **4 sem. hrs.**
New Number: 0201 100. The basic principles of plant morphology and physiology. The evolution, distribution, genetics, and economic importance of plants are briefly considered. This course is designed primarily for education majors, medical technologists, and dental hygiene students. Two lectures and two laboratory periods.

BioSc 102 General Zoology **4 sem. hrs.**

New Number: 0201 101. A comprehensive study is made of typical invertebrate and vertebrate animals with emphasis on their structure, function, ecology, and evolution. This course is designed primarily for education majors, medical technologists and dental hygiene students. Two lectures and two laboratory periods. Prerequisite: BioSc 101.

BioSc 105 Biology (Health Related Topics) **4 sem. hrs.**

New Number: 0201 105. This lecture and laboratory course is especially designed for dental hygiene students. It will cover topics in general biology of importance for all educated people as well as topics directly related to the health field. Three lectures and one laboratory period.

BioSc 107-108 General Biology **4-4 sem. hrs.**

New Number: 0201 110-111. An intensive study of the fundamental properties of living things, their structure, functions, classifications, life histories, and evolution. This course is required for all premedical, pre-dental and pre-pharmacy students and biology majors. Two lectures and two laboratory periods.

BioSc 122 Introduction to Microbiology **4 sem. hrs.**

New Number: 0201 112. Prerequisite: BioSc 101 or 105. This course embraces bacteriological techniques, the classification, and properties of important nonpathogenic and pathogenic bacteria, molds and viruses. The principles of immunity and serology are briefly treated. Two lectures and two laboratory periods.

BioSc 201 Comparative Anatomy of the Vertebrates **4 sem. hrs.**

New Number: 0201 200. Lectures on vertebrate anatomy, phylogeny, and evolution accompanied by laboratory study of type vertebrates. Detailed dissection is carried out on the shark, Necturus, and the cat; protochordates and agnathans are also considered. Two lectures and two laboratory periods. Prerequisite: BioSc 107-108 or equivalent.

BioSc 202 Embryology **4 sem. hrs.**

New Number: 0201 205. A study of the origin and maturation of germ cells, fertilization, and the differentiation of germ layers in selected invertebrate and vertebrate animals. Knowledge of the development of vertebrate organ systems will be based on an intensive study of whole mounts and serial sections of the frog, chick, and pig. Two lectures and two laboratory periods. Prerequisite: BioSc 108.

BioSc 205-206 Anatomy, Physiology and Kineseology **3-3 sem. hrs.**

New Number: 0201 210-211. A lecture demonstration course designed to give the student of physical education thorough and practical knowledge of these basic sciences. Required for physical education and dental hygiene students. Not open to pre-dental students. Prerequisite: BioSc 101-102 or equivalent.

BioSc 209 Mammalian Anatomy **4 sem. hrs.**

New Number: 0201 220. A lecture and laboratory study presented as a basis for the understanding of human anatomy. Detailed dissection of the cat and anatomical studies of other vertebrates are included. This course is restricted to medical technologists. Prerequisite: Two semesters of biology.

BioSc 301 **Microbiology** **4 sem. hrs.**
New Number: 0201 300. This course embraces bacteriological technique, the classification and study of the properties of important nonpathogenic and pathogenic bacteria. The principles of immunity, serology, and virology are also considered. Two lectures and two laboratory periods. Prerequisites: general biology and two years of chemistry, including organic chemistry which may be taken concurrently.

BioSc 302 **Histology** **4 sem. hrs.**
New Number: 0201 305. The study of the microscopic structure of tissues and organs of the mammalian body, and the study of the fundamentals of hematology. Two lectures and two laboratory periods. Prerequisite: BioSc 201.

BioSc 304 **General Physiology** **4 sem. hrs.**
New Number: 0201 310. An introductory study of physico-chemical processes in cells, tissues, and organs. Three lectures and one laboratory period. Prerequisites: BioSc 201 and organic chemistry.

BioSc 306 **Animal Microtechnique** **4 sem. hrs.**
New Number: 0201 315. A course in the principles and methods of preparing animal material for microscopical study. The student is given practice in fixing, embedding, sectioning, staining, and mounting tissues; the preparation of whole mounts. Two lecture and two laboratory periods a week. Prerequisite: BioSc 201.

BioSc 307 **Entomology** **4 sem. hrs.**
New Number: 0201 320. The taxonomy, life histories, and habitats of the insects common to south Louisiana. Prerequisite: BioSc 107-108 or equivalent.

BioSc 308 **Plant Physiology** **4 sem. hrs.**
New Number: 0201 325. Higher plants will be the principal object of study, with regard to their growth processes, water relations, and photosynthetic activities. The laboratory will illustrate modern techniques of investigation as well as the principles of the discipline involved. Prerequisites: General botany and organic chemistry.

BioSc 309 **Introduction to Bioecology** **4 sem. hrs.**
New Number: 0201 330. Basic ecological principles and concepts are considered including the nature of the ecosystem, energy flow, biogeochemical cycles, and the ecology of populations and communities. Two lectures and 4-5 hrs. of laboratory or field work. Prerequisite: One year of college biology.

BioSc 310 **Introduction to Field Zoology** **4 sem. hrs.**
New Number: 0201 340. The taxonomy, life histories, and general ecological relationships of the common animals of south Louisiana comprise the subject matter of this course. Two lectures and 4-5 hrs. of laboratory or field work. Prerequisite: One year of college biology.

BioSc 312 **Genetics** **3 sem. hrs.**
New Number: 0201 350. A presentation of cell structure with emphasis on chromosomes. The relationships between classical and contemporary genetics and cellular biology will be considered. Prerequisite: General biology.

BioSc 315-316 History and Philosophy of Biology **1-1 sem. hrs.**
New Number: 0201 360-361. Discussion of the historical development and philosophical implications of biology. Required of all premedical students and biology majors. Prerequisite: Permission of professor. One lecture.

BioSc 317 Biological Research **2 sem. hrs.**
New Number: 0201 498. Special work for advanced students, includes both library and laboratory research. Weekly oral and/or written reports are required. Two-year course: grade assigned upon completion of the spring semester of senior year. Required of all upper division biology majors.

BioSc Seminar **2 sem. hrs.**
New Number: 0201 496. Weekly meetings during junior and senior years. Grade assigned upon completion of spring semester of senior year. Required of all upper division biology majors. Each student in senior year gives one report based on library and laboratory research.

BioSc 320 Plant Anatomy **4 sem. hrs.**
New Number: 0201 405. A consideration of the structure and development of seed plants (primarily Angiosperms). Reference will be made to the relationships of anatomy and developmental patterns to the physiology and morphogenesis of the organism. Prerequisite: General botany.

BioSc 353 An Introduction to Radiation Science **3 sem. hrs.**
New Number: 0201 410. A survey of the nature, measurement, and effect of ionizing radiations in biological systems. Designed to acquaint the beginners with theory and methods of use of radiation as a research tool. Geiger counter techniques will be used primarily; absorption and half-life experiments, tracer methods, biological uptake and distribution, isotope dilutions and similar topics will be covered in lectures and in laboratory. Prerequisite: Discretion of professor in charge of the course.

CHEMISTRY

Chem 104 Chemistry for Non Science Majors **4 sem. hrs.**
New Number: 0202 103. A lecture-demonstration course in the essentials of chemistry primarily but not exclusively for education majors. This course does not serve as a prerequisite for any other chemistry course.

Chem 109-110 General Chemistry (Health Oriented) **3-3 sem. hrs.**
New Number: 0202 117-118. This course is intended for those who will not take calculus and physical chemistry. A health oriented rigorous course in modern general chemistry. This course is for paramedical freshmen to whom chemistry will be presented as a living and growing thing useful in everyday life. Emphasis will be on practical aspects of chemistry. Will not serve as a prerequisite for physical chemistry (Chem 336) or Chem 331-332. Two semesters, three lectures per week.

Chem 111-112 General Chemistry **3-3 sem. hrs.**

New Number: 0202 105-106. This course has as a prerequisite co-registration in calculus (Math 257-258) and serves as a prerequisite for physical chemistry 337-338 and organic chemistry 331-332. A basic course in the fundamental principles of general chemistry, this course will be more rigorous mathematically than Chem 109-110 above. Two semesters, three lectures per week.

Chem 113-114 General Chemistry Laboratory **1-1 sem. hrs.**

New Number: 0202 107-108. Includes qualitative analysis. Two semesters, one, three-hour laboratory period per week. Prerequisite: Credit or co-registration in Chem 109-110 or Chem 111-112.

Chem 115-116 Honors General Chemistry **3-3 sem. hrs.**

New Number: 0202 110-111. Prerequisite: approval of chairperson. An intensive course in the fundamental principles of general chemistry. This course will be offered if a sufficient number of those who would normally take Chem 111-112 have high enough entrance scores to merit a separate section. Two semesters, three lectures per week.

Chem 115-116 General Chemistry Lecture for Chemistry Majors **3-3 sem. hrs.**

New Number: 0202 110-111. An intensive course in the fundamental principles of general chemistry. Two semesters, three lectures per week. Prerequisite: Approval of the chairperson.

Chem 117-118 General Chemistry Laboratory for Chemistry Majors **1-1 sem. hr.**

New Number: 0202 112-113. Will concern certain aspects of all areas of chemistry and their impact on modern man. Includes experiments in inorganic, organic, physical, polymer, biological, and analytical chemistry. One three-hour lab per week. Accompanies Chem 115-116.

Chem 211 Inorganic Quantitative Analysis **2 sem. hrs.**

New Number: 0202 200. Basic principles of quantitative analysis. Stoichiometry, evaluation of measurements, acid-base equilibria, redox, precipitation, titrations, and gravimetric methods. One semester, two lectures per week. Prerequisite: Chem 111-114 or equivalent.

Chem 213 Inorganic Quantitative Analysis Laboratory **2 sem. hrs.**

New Number: 0201 201. Basic techniques of quantitative analysis, including volumetric and gravimetric analysis, acidimetry and alkalimetry, redox methods, the use of absorption indicators and iodimetry. One semester, two, three-hour laboratory periods per week. Prerequisite: Credit or registration in Chem 211.

Chem 316 Organic Chemistry for Medical Technology Majors **3 sem. hrs.**

New Number: 0202 210. An introduction to nomenclature, stereochemistry, structure, and properties of different classes of organic compounds. Importance of organic compounds in daily life. One semester. Three lectures per week. Prerequisite: Chem 211-213.

Chem 318 Organic Chemistry Laboratory for Medical Technology Majors **1 sem. hr.**

New Number: 0202 211. Selected experiments illustrating principles in Chem 316. One three-hour laboratory period per week. Prerequisite: Credit or registration in Chem 316.

Chem 323 Introduction to Organic and Biochemistry **4 sem. hrs.**

New Number: 0202 205. A continuation of Chem 107. Sufficient treatment of organic chemistry to understand classes of biologically important compounds. Principles and reactions in biochemistry and nutrition are stressed. One semester, three lectures. Prerequisite: Chem 105.

Chem 326 Organic Chemistry Laboratory **2 sem. hrs.**

New Number: 0202 305. Laboratory course for nonchemistry sciences majors to accompany Chem 332. Introduction to laboratory techniques of organic chemistry: simple preparations, separation and identification of organic compounds. One semester, two three-hour laboratory periods per week.

Chem 327-328 Biochemistry Lecture **3-3 sem. hrs.**

New Number: 0202 400-401. A detailed study of the chemistry of carbohydrates, lipids, proteins, nucleic acids, digestion, metabolism, respiration and endocrinology. Aspects of clinical chemistry. Two semesters. Three lectures per week. Ordinarily intended for pre-medical students, chemistry and biology majors. Prerequisites: Chem 331-332, Chem 333-334 or Chem 326 and Chem 336 or Chem 340.

Chem 330 Biochemistry Laboratory **2 sem. hrs.**

New Number: 0202 402. Selected experiments in conjunction with lecture material in Chem 327-328. Two three-hour laboratory period per week.

Chem 331-332 Organic Chemistry Lecture **3-3 sem. hrs.**

New Number: 0202 300-301. An intensive course in organic chemistry, covering structural theory, organic reaction mechanisms, stereochemistry, and type reactions of organic compounds. Two semesters, three lectures per week. Prerequisites: Chem 111-114, Chem 211-213 or approval of chairman.

Chem 333-334 Organic Chemistry Laboratory for Chemistry Majors **2-2 sem. hrs.**

New Number: 0202 302-303. Laboratory course to accompany Chem 331-332. Introduction to laboratory techniques of organic chemistry: simple preparations, separations and identification of organic compounds. Two semesters, two three-hour laboratory periods per week. Prerequisites: Credit or registration in Chem 331-332 and approval of chairman.

Chem 336-337 Physical Chemistry Lecture **3-3 sem. hrs.**

New Number: 0202 306-307. A general survey of physical chemistry treating gaseous, liquid and solid states of matter, thermodynamics, the laws of solutions, chemical and physical equilibria, chemical kinetics, electrochemistry, colloids, elementary wave mechanics, atomic and molecular spectra, elementary statistical mechanics. Two semesters, three lectures per week. Prerequisites: General chemistry, quantitative analysis, one year of college physics, at least one semester of calculus.

Chem 338-339 Physical Chemistry Laboratory **1-1 sem. hr.**

New Number: 0202 308-309. Laboratory to accompany Chem 336-337. Classical and modern techniques of physico-chemical measurement. Includes molecular weights of gases and dissolved substances, vapor pressure, surface tension, viscosity and refractometry of liquids, calorimetry, thermochemistry, electrochemistry, electrolytic conductance, chemical equilibrium, phase diagrams, chemical kinetics, surface chemistry, spectrophotometry. Prerequisites: Same as Chem 336-337. Two semesters, one three-hour laboratory period per week.

Chem 340 Concise Physical Chemistry **3 sem. hrs.**

New Number: 0202 320. An introductory course in physical chemistry emphasizing topics of special interest to biologists: thermodynamics, electrochemistry, transport properties of liquids, chemical kinetics, and colloidal dispersions. Methods of integral and differential calculus are extensively used to develop theoretically these classical physico-chemical topics. One semester, three lectures per week. Prerequisites: Chem 111 through Chem 213, Math 257-258.

Chem 342 Instrumental Analysis Lecture **2 sem. hrs.**

New Number: 0202 410. A more rigorous physico-chemical treatment of the basic principles of quantitative analysis. The treatment will include statistical methods applied to analytical chemistry, quantitative separations, coprecipitation, the use of organic precipitants, EDTA, spectrophotometry, electrometric methods, and chromatography. One semester, two lectures per week. Prerequisite: Chem 211-213 or equivalent.

Chem 343 Inorganic Chemistry Lecture **3 sem. hr.**

New Number: 0202 420. Nuclear structure and reactions, atomic structure, chemical bonding and periodicity. Inorganic stereochemistry and reaction mechanisms, acid base theories and nonaqueous solvents. One semester, three lectures per week. Prerequisite: Credit or registration in Chem 337.

Chem 344 Instrumental Analysis Laboratory **1 sem. hr.**

New Number: 0202 411. Accompanies Chem 342. One semester, one, three-hour laboratory period per week. Prerequisite: Credit or registration in Chem 342.

Chem 347 Organic Qualitative Analysis **3 sem. hrs.**

New Number: 0202 430. Separation of mixtures and identification of pure compounds. Application of classical and modern methods including g.c. and t.l.c. Interpretation of UV, IR, NMR, and mass spectra. One semester. One lecture and six hours laboratory per week. Prerequisite: Approval of the chairman.

Chem 350 Chemical Literature **1 sem. hr.**

New Number: 0202 496. Designed to acquaint the chemistry major with the major reference works and journals of chemistry and how to use them efficiently. One semester, one lecture per week.

Chem 351 Rate Processes in Chemistry **3 sem. hrs.**

New Number: 0202 440. A theoretical discussion of time-dependent physico-chemical processes. Kinetic theory and nonequilibrium thermodynamics are used to describe and elucidate chemical reaction rates, diffusion, viscosity and thermal conductivity. Prerequisite: Chem 336-337.

Chem 355 **Mechanism and Structure in Organic Chemistry** **3 sem. hrs.**
New Number: 0202 450. Detailed understanding of how, why, and when of organic reactions. Emphasis is on basic structures, reactivity, and mechanisms of organic chemistry. Prerequisite: Chem 331-332.

Chem 371 **Thesis Research** **7 sem. hrs.**
New Number: 0202 498. Honors Program students must register for 1-3 sem. hrs. credits for each semester starting with second semester sophomore year for a total of ten sem. hrs. Credit will be prorated on the basis of one sem. hr. credit for four hrs. devoted to research. Prerequisite: Approval of chairman.

CITY COLLEGE

Courses are unique to City College. Refer to *Arts and Sciences* for other course numbers.

Anth 100 **Introduction to Anthropology** **3 sem. hrs.**
New Number: 0539 260. Inquiry into origins of man, prehistory, and comparative study of culture; relationships between various aspects of culture among primitive people: subsistance, social organizations, art, custom and religion.

Aviat 100 **Aviation For Today** **3 sem. hrs.**
New Number: 0537 260. Ground instruction in topics needed to take the FFA private pilot examination. Topics include airplane systems and instruments, weight and balance, flight computer, basic navigation, meteorology, federal aviation regulations, air traffic control, and communication.

BioSc 100 **Biology for Today** **4 sem. hrs.**
New Number: 0501 270. A lecture demonstration course designed to acquaint nonmajors with current trends in the biological sciences. Restricted to City College students.

BioSc 150 **Heredity and Society** **3 sem. hrs.**
New Number: 0501 260. This course will address the present and future decisions which individuals and public bodies will make because of rapid advances in the science of genetics. The issue of common good vs. individual good, along with its implicit conflict of values, will be explored in this context. Students will be asked to deal with specific problems as well as the broad issues as a means of clarifying their own values in relation to the topics discussed.

Chem 150 **Chemistry For Nurses** **3 sem. hrs.**
New Number: 0502 260. Prerequisites include high school chemistry and algebra. An introductory lecture-demonstration course on the basic principles of general chemistry, stressing practical applications for allied health sciences. Emphasis is placed on developing chemical skills and problem solving techniques.
(Certain courses listed below will not be offered every year, but will be scheduled to meet student needs.)

Engl 200 **Introduction to Literary Forms** **3 sem. hrs.**
New Number: 0518 260. A one-semester introduction to three literary genres: fiction, drama, and poetry. English 200 is prerequisite to English 212, 213, and 214.

Engl 203 **Business Writing** **3 sem. hrs.**
New Number: 0517 270. Instruction in preparation of letters, resumes, reports, and other business writing.

Engl 204 **Technical Writing** **3 sem. hrs.**
New Number: 0517 275. A course designed to assist the specialist (engineer, scientist, etc.) in writing for the general public.

Engl 212 **Fiction: Short Story and Novel** **3 sem. hrs.**
New Number: 0518 261. English 212, 213, and 214 are general studies, concentrating on critical readings and writings. (Either 212, 213, or 214 must be completed, along with Engl 200, by all degree candidates in City College).

Engl 213 **Drama** **3 sem. hrs.**
New Number: 0518 262. Same as Engl 212.

Engl 214 **Poetry** **3 sem. hrs.**
New Number: 0518 263. Same as Engl 212.

Engl 315 **Prison Literature** **3 sem. hrs.**
New Number: 0518 265. Crime and punishment: the prison experience as depicted by prisoners and in creative literature.

Engl 367 **Shakespeare I** **3 sem. hrs.**
New Number: 0518 270. Comedies.

Engl 368 **Shakespeare II** **3 sem. hrs.**
New Number: 0518 271. Tragedies.

Engl 370 **Drama Survey: Faces of Eve** **3 sem. hrs.**
New Number: 0518 275. The study of women in society as portrayed by playwrights from ancient Greece to modern time.

Engl 410 **Literature and Social Change** **3 sem. hrs.**
New Number: 0518 360. The relationship of great works of literature to society as journals of change and as activist documents.

Engl 411 **Contemporary Drama** **3 sem. hrs.**
New Number: 0518 361. British and American dramatic literature, post World War II.

Engl 412 **Contemporary Fiction** **3 sem. hrs.**
New Number: 0518 362. British and American short stories and novels, 20th century.

Engl 413 **Contemporary Poetry** **3 sem. hrs.**
New Number: 0518 364. 20th Century poetry.

Engl 414 **Satire** **3 sem. hrs.**
New Number: 0518 365. Classic and contemporary satiric literature.

DrSp 230 **Reader's Theatre** **3 sem. hrs.**
New Number: 0506 280. Adapting for performance literature not originally intended for the stage. Training in how to use such adaptations in the classroom or for other performances.

Drama 337 **Changing Concepts of Theatre for Children** **3 sem. hrs.**
New Number: 0506 260. A course for teachers, recreation leaders, librarians, parents, students of educational theatre, and other persons concerned with and interested in the performing arts. New concepts and trends will be analyzed, including the artist in the school program. Sessions will combine lecture, discussion, demonstration, films, and class participation. Current literature in children's theatre will be examined. The workshop sessions will allow time for consideration of theory to be followed by practical demonstration.

DrSp 367 **Workshop in Improvisation** **3 sem. hrs.**
New Number: 0506 270. An overview of current practices in the use of improvisational drama techniques with children and young people.

Drama 370 **Drama Survey: Faces of Eve** **3 sem. hrs.**
New Number: 0506 275. (Same as Engl 370) A course in dramatic literature, examining the many facets of women as portrayed by playwrights in the past and today. Representative plays from ancient Greece to modern Europe and the United States will be examined as artifacts within the realm of the history of ideas and as living works of art in literature and on stage.

Hist **History of Blacks in New Orleans** **3 sem. hrs.**
New Number: 0522 280.

Hist 313 **Black History (1500-1865)** **3 sem. hrs.**
New Number: 0522 265. A unified study of the cultural, political, and economic contributions of Black Americans from their initial contact with Europeans in Africa to the end of slavery in the United States. Concentration is on the slave trade, the acculturation process, slave revolts and the economics of slavery. The impact of the American Revolution, westward expansion and the Civil War on the institution of slavery is examined.

Hist 364 **History of New Orleans** **3 sem. hrs.**
New Number: 0522 270. Cultural and economic history of the City of New Orleans from 1718 to the present day. The course will consist of lectures, discussions, slides, guest speakers, field trips to historical places throughout the city and the greater New Orleans area.

Math 101 **Elementary Concepts of Mathematics I** **3 sem. hrs.**
New Number: 0523 260. This is a fundamental college algebra course that provides a good foundation in logic, the structure of mathematics, and basic skills. A terminal course or good preparation for calculus.

Math 102 **Elementary Concepts of Mathematics II** **3 sem. hrs.**
New Number: 0523 261. The continuation of Math 101 above.

Math 105 **Basic Statistics** **3 sem. hrs.**
New Number: 0523 265. This course is an introduction to most of the basic ideas of statistics together with ample opportunity to acquire skills in the application of the concepts, the making of the needed computations, and the applying of some of the important significance tests.

Math 109 **Business Mathematics** **3 sem. hrs.**
New Number: 0523 270. This course is largely business arithmetic. A minimal amount of algebra is included to enable students to handle more effectively the problems encountered in accounting, statistics, and economics. Material includes simple interest and much percent.

Mus 100 **Beginning Guitar for Adults** **3 sem. hrs.**
New Number: 0560 260. Designed to teach the basic technical skills of guitar playing, also the fundamentals of music as they apply to guitar. Will teach rudimentary sight-reading and chord spelling. The course will culminate in simple melody/chord arrangements.

Mus 125 **Music Theory** **3 sem. hrs.**
New Number: 0560 265. Introduction to fundamentals of music. Notation, simple and compound rhythms, and key signatures.

Mus 150 **History of Jazz I (From 1890-1950)** **3 sem. hrs.**
New Number: 0560 270. Analysis of the styles of jazz including ragtime, dixieland, swing, and bebop. Emphasis on the musicians of jazz from Buddy Bolden and Louis Armstrong to Charlie Parker and Dizzy Gillespie.

Mus 151 **History of Jazz II (From 1950-1977)** **3 sem. hrs.**
New Number: 0560 271. A survey of 1950 rhythm and blues artist such as Bill Haley and the Comets and Elvis Presley. The development of electronically amplified instruments and the Beatles. Rock groups of the 70's from Europe and the United States.

Mus 152 **Music, Man, and Society** **3 sem. hrs.**
New Number: 0560 280. An introductory course that focuses on musical styles and structures. For college students who are taking music as an elective subject. Musical concepts are explained in terms of what inexperienced listeners can hear fairly easily and emphasis is on aural perception. Concepts are presented.

Nurs 301 **Theories of Nursing Practice** **3 sem. hrs.**
New Number: 0557 360. An exploration of selected theories on which to base nursing practice.

Nurs 303 **Leadership and Change** **4 sem. hrs.**
New Number: 0557 370. (Theory and laboratory) An advanced nursing course incorporating the principles and concepts of change with those of the role of the nurse as an effective leader and manager.

Nurs 312 **Health Assessment** **4 sem. hrs.**
New Number: 0557 365. (Theory and laboratory) Lecture and application, using the tools of assessment, to appraise the health of individuals. Psychosocial and cultural factors, as well as physical aspects, will be stressed.

Nurs 314 **Mental Health Nursing** **4 sem. hrs.**
New Number: 0557 375. (Theory and laboratory) Application of selected theories related to man's behavior in an effort to utilize self therapeutically with individuals and groups.

Nurs 401 **Research and Evaluation** **3 sem. hrs.**
New Number: 0557 380. Introduction to the utilization of research and evaluation in nursing. Focus is on the translation of clinical nursing studies, the components of the research process, and the utilization of evaluation methods to assess criteria of nursing practice.

Nurs 403 **Client Teaching Systems** **4 sem. hrs.**
New Number: 0557 385. (Theory and laboratory) The application of health counseling, techniques, interactional analysis, and learning systems to teaching self-care to individuals and groups of clients in managing health or illness requirements.

Nurs 412 **Community Health I** **4 sem. hrs.**
New Number: 0557 460. (Theory and laboratory) Lecture and application of the principles of community health. Included are traditional systems services as well as the psychosocial and cultural aspects in the environment that enhance or mitigate against the health of a community. A focus will be on the health assessment of families.

Nurs 414 **Community Health II** **4 sem. hrs.**
New Number: 0557 461. (Theory and laboratory) A continuation of Community Health I and will focus more especially on health assessment of a community.

Nurs 421 **Independent Study** **4 sem. hrs.**
New Number: 0557 499. Provides an option for the student with advanced standing and permission from the faculty to develop and meet goals and objectives covering specific course content in an individual and flexible manner.

Phil 261 **Personal Growth Through Wisdom** **3 sem. hrs.**
New Number: 0533 265. Historically, wisdom can mean the basic knowledge of all things gathered from philosophy or theology. Wisdom, therefore, as an intellectual discipline can teach the meaning of life from philosophy and theology, can draw us to develop as human by living in accord with philosophical and theological certitudes.

Phil 322 **Philosophy of Law** **3 sem. hrs.**
New Number: 0533 360. The object of the course is to demonstrate to the student that the philosophy of law, the study of nature, types and functions of the law, is by no means a settled science. In modern times it is open to a great controversy and the course is meant to show the source of these troubles to the student.

Phil 346 **Contemporary Atheism** **3 sem. hrs.**
New Number: 0533 365. The pursuit of philosophical, theological structure of modern atheism to understand today's despair. Study of roots of atheism in the epistemology of Descartes, Kant, Hume, Hegel, W. James, Sartre, Marx. Investigation of alienation in Duerback, Marx, Stalin, The Humanist Manifesto. Pondering of human misery as an objection against goodness of God.

Phil 397 **Philosophy of Religion** **3 sem. hrs.**
New Number: 0533 370. An interdisciplinary investigation in philosophy and theology of ultimate problems raised by religious experience of dependence on an absolute god. The validity of human knowledge of a transcendent god; evaluation of agnosticism, the possibility of revelation.

Phil 399 **Philosophy in Literature** **3 sem. hrs.**
New Number: 0533 375. An examination and discussion of philosophical themes implicit in the writings of some eminent literary figures. Representative works will include those of Camus, Dostoyevski, Hesse, Kafka, and Sartre.

PhyEd 130 **T'ai Chi Ch'uan** **3 sem. hrs.**
New Number: 0515 260. Learn an ancient Chinese method of health and mental exercises that allow the mind and body to work in unison to achieve a more harmonious functioning of your psychic and physical processes. T'ai Chi Ch'uan is unique in its ability to stimulate and balance the mind as well as the muscles, organs, and glands in the body.

PolSc 275 **Introduction to Urban Politics** **3 sem. hrs.**
New Number: 0535 260. The governmental and political life of urban America. The major problems and prospects of the urban areas are examined with attention to the political feasibility of various reform proposals.

PolSc 305 **Political Parties** **3 sem. hrs.**
New Number: 0535 265. The party system, theory and practice on national, state, local level. Party organization. Nominations. Conventions. Campaign techniques. Elections. Voting Behavior. The principal pressure groups. Methods used to mobilize public opinion, influence of pressure groups on various branches of government. Influence of pressure groups and parties on public administration and bureaucracy.

Psy 302 **Adolescent Psychology** **3 sem. hrs.**
New Number: 0536 270. The course provides the students with a comprehensive coverage of the basic concepts and principles underlying the study of adolescence. The complex combination of physiological factors, personal experience, and sociocultural influences that contribute to the adult-to-be are presented.

Psy 329 **Child Psychology** **3 sem. hrs.**
New Number: 0536 275. The study of the intellectual, emotional, physical, and personality development of the child.

Psy 331 **Crisis Intervention** **3 sem. hrs.**
New Number: 0536 260. A discussion and analysis of crisis intervention as a therapeutic tool in community mental health. Emphasis will be on suicide, telephone crisis lines, telephone counseling, and hostile interactions.

RelSt 107 **Religion and Film I** **3 sem. hrs.**
New Number: 0538 260. The purpose of this course is to communicate religious doctrine (Christian) and values through the use of film. The course also attempts to communicate methods of critique to recognize ways in which lifestyles and value systems all communicate through the media.

RelSt 133 **Introduction to Scripture** **3 sem. hrs.**
New Number: 0538 280. This course is intended to familiarize the student with Scripture as the word of God, with concentration on the New Testament and to guide the reader of the New Testament to an understanding of the tradition behind the gospels, the evangelists portraits of Jesus, and situations out of which they arose. The new contemporary approach of Biblical research in New Testament Christologies adds new riches to the traditional data.

RelSt 207 **Religion and Film Part II** **3 sem. hrs.**
New Number: 0538 261. This course on fundamental theology continues to study the impact the electronic media has had on our value system, morals, and religion. The course will deal more with the positive side through films, slides, tapes, discussion, and lectures.

RelSt 213 **Current Moral Problems** **3 sem. hrs.**
New Number: 0538 270. An inquiry into contemporary moral dilemmas including problem areas of human sexuality, euthanasia, neutron warfare, capital punishment, genetic engineering, the occult, racism, poverty.

RelSt 238 **Jesus and the Gospel** **3 sem. hrs.**
New Number: 0538 360. The course studies the four Gospels, New Testament, theologians, questions regarding the personality and nature of Christ, and the formation of the New Testament. Controversial events, issues, and personalities will be considered in the church's emerging expression of itself.

RelSt 245 **Apostolic Church, New Testament** **3 sem. hrs.**
New Number: 0538 280. The study of roots of the Christian church as found in the New Testament writings of the Acts of the Apostles.

RelSt 253 **Marriage and Family Life** **3 sem. hrs.**
New Number: 0538 275. The transition course is designed to assist people to explore and understand marriage and family life as a viable life support both now and in future years. Students will be participants in presentations and self-directed study. Most importantly they will share and discuss their ideas to discern and develop with each other in the context of family interaction.

RelSt 270 **Philosophy of Christ As Viewed in American Culture** **3 sem. hrs.**
New Number: 0538 370. *American Culture and The Quest for Christ* is a text used in the course; the text implies some views of North Americans on Christ as transcendental value. Our philosophical approach tries for the ultimate base of this search by using Christian theology.

RelSt 350 **Survey of Church History** **3 sem. hrs.**
New Number: 0538 365. This course will pursue the sociological, psychological, and theological dimensions of the Roman Catholic Church, from Pentecost to the present, with ecumenical considerations for the future.

RelSt 400 **Police & Society** **3 sem. hrs.**
New Number 0538 362. An innovative course that speaks to the problem of practical applications of theology, philosophy, psychology, sociology, and communications to the life and work of the policeman.

SecSc 101 **Tech of Typing** **3 sem. hrs.**
New Number: 0561 101. This course is designed for the beginner. It deals with the basics of typing such as keyboard, parts of machine, posture, and expands into the realm theory and simple production.

SecSc 102 **Typing II (Intermediate Typing)** **3 sem. hrs.**
New Number: 0561 102. Briefly reviews basic typing skill and helps in speed building. The course entails the typing of various types of business correspondence and manuscripts.

SecSc 104 **Beginning Shorthand** **3 sem. hrs.**
New Number: 0561 104. The objectives of this course are as follows: to learn to read and write Gregg theory, in depth; to learn the punctuation rules in text; to build the business vocabulary.

SecSc 105 **Shorthand II (Intermediate Shorthand)** **3 sem. hrs.**
New Number: 0561 105. This course concentrates on building the student's skills of dictation and transcription. Also reviews basic Gregg theory and provides opportunities for increasing shorthand vocabulary.

Socl 204 **Deviant Behavior** **3 sem. hrs.**
New Number: 0539 275. A critical examination of the nature and extent of deviant and criminal behavior in complex, industrial societies. Particular attention will be given to the causes and consequences of deviant behavior, and to the social relations and processes associated with the more common forms of deviant and criminal expression within American society.

Socl 207 **Sociology of Health and Illness** **3 sem. hrs.**
New Number: 0539 360. The sociological and psychological aspects of physical and mental health and illness, the relationship between disease and environment, and the impact of health on society.

Socl 325 **Sociology of the Aging** **3 sem. hrs.**
New Number: 0539 370. The problem of aging is explored from a variety of perspectives — both theoretical and practical; adjustment to the inevitable process of aging is viewed from the perspective of health, housing, employment, retirement, and interpersonal relations.

VsArt 235 **Ceramics I** **3 sem. hrs.**
New Number: 0541 270. Concentration on design with clay. Potter's wheel important skill for beginners. Students design shapes, glaze, and fire works.

VsArt 315 **Basic Design** **3 sem. hrs.**
New Number: 0541 275. Explores for the non-art major the basic elements of design. Solving simple design problems. Students are made aware of the importance of design in their daily lives.

COMMUNICATIONS

Comm 101 **Introduction to Journalism and Reporting** **3 sem. hrs.**
New Number: 0255 100. The basics of news coverage. Intensive practice in gathering information, reporting news, handling interviews, covering speeches, etc. The style and structure of news stories. Lectures and special reading.

Comm 102 Introduction to Broadcasting **3 sem. hrs.**
New Number: 0253 100. A survey study of broadcasting, including its historical development, methods of operation, economic structures, forms of programming, regulatory organizations, differences in national systems and predicted future developments.

Comm 103 Introduction to Film **3 sem. hrs.**
New Number: 0254 100. An introduction to the appreciation of film as a medium of communication and as an art form through the study of film classics. Examination of the relationship of film to the other arts and to society.

Comm 110 Production Theory and Practice **3 sem. hrs.**
New Number: 0253 200. A practical studio production course, including a weekly lecture/critique meeting, and two weekly studio laboratory sessions. Basic theoretical and practical knowledge of television, film, and radio will be covered. Awareness of the processes of production in all three mediums will be emphasized. Super 8mm film stock and processing cost must be paid for by the student.

Comm 111-112 Freshman Journalism Lab **6 sem. hrs. max.**
New Number: 0255 110. Practical experience with academic evaluation and assigned credit. May be gained through work for campus or off campus publications and organizations. Credit variable; up to three hours per semester.

Comm 116 Radio On-Air Lab **1 sem. hr.**
New Number: 0253 215. Students have a two hour air shift on WLDC radio scheduled by the station manager and production assignments scheduled by the production manager. Recorded air checks and productions are critiqued each week. On-air voice development is stressed. Prerequisite: Consent of instructor.

Comm 118 Sight and Sound **3 sem. hrs.**
New Number: 0252 110. The goal of Sight and Sound is learning how to use the imagination to create in the fields of broadcasting, film, and journalism. The course consists of exercises in color, composition, lighting, and visual and aural perception.

Comm 120 Introduction to Graphics **3 sem. hrs.**
New Number: 0252 100. A two dimensional design course primarily for non-art majors with an emphasis on aesthetics. Projects will be non-objective in nature.

Comm 201 Communications Theory **3 sem. hrs.**
New Number: 0252 210. The works of major theorists will be examined and current trends in media thinking will be investigated. Studies are directed toward establishing a solid theoretical background for considering the alternative futures of the media. Required of all majors.

Comm 203 TV On-Camera Lab **2 sem. hrs.**
New Number: 0253 220. Student on-camera performance on WLDC-TV feature programs and live newscasts is critiqued. Performance includes: feature program host, anchor, sports, or weather persons on newscasts. Prerequisites: On-camera audition and consent of instructor.

Comm 206 Foundations of Media **3 sem. hrs.**
New Number: 0252 200. A cross cultural approach to the study of the mass media and their impact on the history of ideas. Required of all majors.

Comm 209 News Editing **3 sem. hrs.**
New Number: 0255 200. Lectures and intensive practice in all phases of editing, story conceptualization, organization of news staffs, copyreading, proofreading, production, copy and art selection. Creation of newspaper and magazine formats.

Comm 210 The TV Producer-Director **3 sem. hrs.**
New Number: 0253 230. Essential for any communications major with a concentration in television. This introductory course provides the opportunity to produce and direct several projects using all of the newest video equipment available. This course should help to clarify the student's career goals.

Comm 211-212 Sophomore Journalism Lab **6 sem. hrs. max.**
New Number: 0255 210. Practical experience with academic evaluation and assigned credit. May be gained through work for campus or off campus publications and organizations. Credit variable, up to three hours per semester.

Comm 215 TV Studio Lab **2 sem. hrs.**
New Number: 0253 240. Practice as crew members of feature productions and newscasts. Crew assignments include operation of Studio A audio board, cameras, and film chain; and acting as floor manager and assistant producer. There is a weekly critique session. Prerequisite: Comm 110.

Comm 300 Institute for Religious Communications **6 sem. hrs.**
New Number: 0252 410. Credit can be obtained for participation in the Institute for Religious Communications held during the summer. Effective utilization of the mass media for religious and social causes is studied and practiced during three weeks of intensive training.

Comm 301 Advanced TV Producing and Directing **3 sem. hrs.**
New Number: 0253 300. Students will produce, write, and direct four major projects which will involve local activities. These programs will be produced on video tape and film and when completed may be shown on WLDC TV. Each project will be individually evaluated by the instructor. Prerequisites: 110, 118, and 210 or consent of instructor.

Comm 303 TV Editing **3 sem. hrs.**
New Number: 0253 310. The creating of a television program is made in the editing room as well as in the studio. This concept is stressed in this course which is designed to teach how to edit with highly sophisticated equipment. In addition, the student will have to write and design materials that can only be produced via editing. Prerequisite: 301 or 302 or consent of instructor.

Comm 304 Portable TV **3 sem. hrs.**
New Number: 0253 320. The development of portable television equipment has expanded television's creative potentialities. The course will enable the student to use portable equipment to produce programs and will also improve discussion of special event, political, and sports coverage.

Comm 306 Public Service Production **3 sem. hrs.**
New Number: 0252 330. Non-profit organizations and public television stations are part of the total broadcasting picture. This course will concentrate on the production of non-commercial mass media material. Prerequisites: 110, 118, and 210.

Comm 311-312 Junior Journalism Lab **6 sem. hrs. max.**
New Number: 0255 310. Practical experience with academic evaluation and assigned credit. May be gained through work for campus or off campus publications and organizations. Credit variable: up to three hours per semester.

Comm 314 Lighting **3 sem. hrs.**
New Number: 0253 250. A course in lighting for television and film which stresses the art and the science of the medium of light. Students are expected to master both the theory and the practice involved in creative lighting for television and film.

Comm 318 TV Analysis and Criticism **3 sem. hrs.**
New Number: 0253 340. Qualitative and quantitative analysis of the content, issues, and values of television programming and specific TV programs. Examination of the writings and reviews of selected television critics.

Comm 320 Sports Coverage **3 sem. hrs.**
New Number: 0255 320. Primary emphasis on development of writing styles. Learning to view sports — both professional and amateur — in sociological, historical, and economic terms. Lectures, selected readings, and visits by professional sports journalists in the print and broadcast media.

Comm 321 Broadcast News I **3 sem. hrs.**
New Number: 0253 325. This is a basic course in news writing for radio and television. Students will write extensively, employing techniques appropriate to these media. Course work will include practical assignments with WLDC-TV and the radio news bureau. Prerequisite: Consent of instructor.

Comm 322 Broadcast News II **3 sem. hrs.**
New Number: 0253 351.

Comm 323 Radio Practicum **1-3 sem. hrs.**
New Number: 0253 405. Management positions on WLDC radio can receive management training, critiques, and evaluation in the exercise of their responsibilities. Students are appointed to management positions by either the department chairman or the station manager according to established policies. These positions include: station manager, programming, news, music, production, promotion director, sales manager, traffic, or chief announcer. Students will work five hours a week and attend the weekly class meeting. Prerequisites: Comm 110, 116; application; hold one WLDC management position; consent of instructor.

Comm 325 TV News Lab **1 to 3 sem. hrs.**
New Number: 0253 245. The course will focus on the production of local news stories for WLDC-TV. A full length news show is aired at least once a week, and each student will produce the entire program or individual segments. Prerequisites: Comm 110 and 210.

Comm 327 **Photography I** **3 sem. hrs.**
New Number: 0254 300. A course in learning to observe and see. Lectures and instruction on the operation of still cameras and extensive black and white dark room experience. Aesthetics are emphasized. (Adjustable 35 mm or larger format still camera required at student's expense.)

Comm 328 **Photography II** **3 sem. hrs.**
New Number: 0254 301. Studio photography. Practical exercises and instruction in lighting, setting up product shops and working with the camera in a studio situation. Prerequisite: Comm 327.

Comm 329 **Photography III** **3 sem. hrs.**
New Number: 0254 302. An aesthetics course in the combining of sound and image. Problems will couple photography with poetry, music, and short stories. Prerequisite: Comm 327.

Comm 330 **Film Making I** **3 sem. hrs.**
New Number: 0254 330. Prerequisite: consent of instructor. An introductory course in 16mm film production, emphasizing basic techniques and concepts in directing, editing, lighting, cinematography, and scripting. Each student will make three or four short films, with the option of including a non-sync sound track.

Comm 331 **Film Making II** **3 sem. hrs.**
New Number: 0254 331. Prerequisite: Comm 330 and consent of instructor. An intermediate study in 16mm film production, emphasizing advanced techniques in directing, editing, and cinematography. The course will stress the use of sound in film making: sync and non-sync, single and double system.

Comm 332 **Film Making III** **3 sem. hrs.**
New Number: 0254 332. Students who have demonstrated exceptional ability in Film Making II are eligible to register for this advanced level course. Work must include successful completion of a professional, artistic motion picture. Projects must be submitted and approved in advance. Limited enrollment. Purchase of film stock must be made by the student. Prerequisite: Comm 331 and consent of instructor.

Comm 333 **Film Making Workshop** **1-3 sem. hrs.**
New Number: 0254 445. Prerequisite: consent of instructor. Advanced, supervised work for students working on the annual department-sponsored film. The university each year funds an original film production, and students take part in every phase of production. The course is open to non-majors involved in specialized positions in the film project, for example music majors, etc.

Comm 334 **Film Artists** **3 sem. hrs.**
New Number: 0254 400. An examination of the works of selected major film artists, their individual styles, approaches to themes, and other significant film characteristics. The selection of artists varies with each offering of this course. The course may be repeated. Weekly film viewing.

Comm 335 **Film Genres** **3 sem. hrs.**
New Number: 0254 410. A study of various types of films as they have evolved in the history of cinema. Each semester a specific genre is explored such as western, crime-film, musical, horror, etc. This course may be repeated. Weekly film viewing.

Comm 336 Film History **3 sem. hrs.**
New Number: 0254 420. A survey of the major periods in the development of international cinema as an art form, and as a medium of entertainment, education, and mass communication. Weekly film viewing.

Comm 337 Film and Culture **3 sem. hrs.**
New Number: 0254 430. A study of the films of a given country, section, or culture. The interrelation of the society or societies and the medium of film will be probed. Weekly film viewing.

Comm 338 Film Theory and Criticism **3 sem. hrs.**
New Number: 0254 440. A survey of the major film theories and the application of these theories to actual films. Also studied will be the relation of theory to film criticism and the writings and reviews of film critics.

Comm 339 The Documentary Image **3 sem. hrs.**
New Number: 0254 310. The photograph, motion picture, and electronic image as documents of reality. Historical development of forms and styles. Emphasis on the social and ethical concerns of the image maker.

Comm 340 Script Writing I **3 sem. hrs.**
New Number: 0254 450. A course in writing for film, television, and radio. Script formats, visual and aural development, character development, pacing, and action included as part of the writers craft. Prerequisite: Consent of instructor.

Comm 342 Script Writing II **3 sem. hrs.**
New Number: 0254 451. The student will be required to write several scripts with close faculty assistance, advice, and supervision. The final script will consist of a screen play, documentary script, or television pilot and plot lines for 13 episodes. Prerequisites: Comm 340 and consent of instructor.

Comm 343 Mass Persuasion **3 sem. hrs.**
New Number: 0252 340. A study of the methods of commercial and political propaganda and their impact on society. Emphasis will be placed on the psychological aspects of persuasion as well as on the ethical issues involved.

Comm 344 Commercial Copywriting **3 sem. hrs.**
New Number: 0252 320. A study of the elements involved in writing commercial copy, including concept, visualization, style and sponsor image. Script forms, uses of audio and visual effects, and timing will be examined. Practice will be offered in researching the product, working up the commercial idea, and writing scripts. Commercials and public service announcements will be written and produced for the WLDC broadcasting services.

Comm 345 Advertising **3 sem. hrs.**
New Number: 0252 335. Fundamentals of advertising, including the organization and operation of agencies and departments, the psychology of advertising and promotion, and copywriting and layout techniques. Assigned problems and demonstrations.

Comm 346 **Public Relations** **3 sem. hrs.**
New Number: 0252 310. Development of contemporary public relations practices with emphasis on solving communications problems within organizations and institutions by applying appropriate theories and techniques. Augmented by case studies and guest practitioners.

Comm 347 **History of Journalism** **3 sem. hrs.**
New Number: 0255 340. Development of journalism from its beginning to the present, tracing its influence on politics, culture, and society's institutions.

Comm 348 **Advanced Graphics** **3 sem. hrs.**
New Number: 0252 300. The use and design of graphics for prints, television, and film. Practical exercise in objective problem solving for the areas mentioned. Prerequisite: Comm 120.

Comm 350 **Advanced Reporting** **3 sem. hrs.**
New Number: 0255 350. An advanced course in news writing with an emphasis on the creative handling ofnews stories, features, and special interest articles. Included is an examination of investigative techniques. Prerequisite: Comm 101.

Comm 351 **Advanced Editing** **3 sem. hrs.**
New Number: 0255 355. An advanced course in editing. Lectures and assigned projects with emphasis on developing technical proficiency through a full understanding of theoretical concepts. Prerequisites: Comm 101 and 209.

Comm 352 **Feature Writing** **3 sem. hrs.**
New Number: 0255 400. A course in writing features for print and electronic media. Assignments will include interviews, profiles, news features, and coverage of special events and will stress the development of color and individual style in the treatment of news stories.

Comm 353 **Interpretive Writing** **3 sem. hrs.**
New Number: 0255 420. The place of opinion in journalism. Types of interpretive journalism editorials, columns, art and entertainment reviews, humor, book reviews, etc.

Comm 354 **Investigative Reporting** **3 sem. hrs.**
New Number: 0255 430. An advanced course on the methods of journalistic inquiry. Specific news gathering and writing assignments.

Comm 356 **Covering the Performing Arts** **3 sem. hrs.**
New Number: 0255 440. Coverage and criticism of performing arts and artists, including lectures, readings, and discussion of contemporary activities in the performing arts and entertainment, and of their critics and reviewers. Off campus field assignments.

Comm 357 **Current Magazine Practices** **3 sem. hrs.**
New Number: 0255 450. Analysis of various types of contemporary American magazines, identifying the editorial, business, and mechanical practices involved in their publication. Particular emphasis will be placed on the specific qualities of writing style in journalism magazines.

Comm 359 **Literary Publishing** **3 sem. hrs.**
New Number: 0255 425

Comm 362 Voice and Phonetics **3 sem. hrs.**
New Number: 0253 400. A course combining linguistic study of, and practice in, vocal performance for radio, television, and film. Attention is given to the anatomical, physiogenic, psychogenic, and imitative aspects of proper voice development, in conjunction with individualized vocal exercises. Problems in overcoming regional and cultural accents will be explored. Limited enrollment. Prerequisite: Consent of instructor.

Comm 363 Radio Production **3 sem. hrs.**
New Number: 0253 405. A basic radio production course, including studio work in all aspects of audio techniques for commercials, drama, documentary, and musical production. Participation on WLDC radio will be offered. Prerequisite: Comm 110.

Comm 364 Radio Internship **1-3 sem. hrs.**
New Number: 0253 497. Students receive on-the-job experience in the news or production departments of commercial radio stations. Their work is evaluated by the faculty supervisor and station personnel. Prerequisites: Comm 110; application; resume; acceptance by station manager; consent of instructor.

Comm 365 TV Internship **3 sem. hrs.**
New Number: 0253 497. Students receive on-the-job experience in the news or production and promotion departments of commercial or public television stations. Their work is evaluated by the faculty supervisor and station personnel. Prerequisites: Comm 110; application; resume; acceptance by station news director or general manager; consent of instructor.

Comm 366 Broadcast Advertising and Management Internship **3 sem. hrs.**
New Number: 0253 497. Students receive on-the-job experience in sales, commercial production, and management of radio or television stations or agencies. Their work is evaluated by the faculty supervisor and station personnel. Prerequisites: Comm 346; application; resume; acceptance by manager; consent of instructor.

Comm 370 On-Camera Performance **3 sem. hrs.**
New Number: 0253 420. This course introduces the student to the problems, challenges, and opportunities of the performer. No previous drama training is required. Students are given many short assignments for performing before the television cameras, these are recorded on video tape and the tapes are played back and critiqued.

Comm 376 Advanced Advertising Workshop **3 sem. hrs.**
New Number: 0252 336. Prerequisites: Comm 343 and Comm 345. Practical work on devising, organizing, and producing advertising campaigns. The theoretical perspective of the course demands that the student be aware of the processes and consequences involved.

Comm 379 Law and the Press **3 sem. hrs.**
New Number: 0255 435. A study of the development of contemporary legal guarantees and restrictions affecting the mass media, including problems of constitutional law, libel, contempt, privacy, governmental and self regulation.

Comm 382 Broadcast Law **3 sem. hrs.**
New Number: 0253 455. Laws and regulations dealing with all aspects of broadcasting will be examined. Landmark FCC decisions will be studied and court cases resulting in precedent-setting guidelines for purchasing, licensing, and operating broadcast properties will be studied.

Comm 387 Business Aspects of Broadcasting **3 sem. hrs.**
New Number: 0253 440. This course investigates several areas of broadcasting as a business: promotion, public relations, programming, sales, and management. Case studies will be investigated and projects assigned.

Comm 388 Public Broadcasting **3 sem. hrs.**
New Number: 0253 445. A survey of the development of public broadcasting and a study of its potential. The educational role of this form of broadcasting will be studied, and its programming of informative and cultural offerings to the mass audience will be examined.

Comm 392 Current Trends **3 sem. hrs.**
New Number: 0252 480. Each offering of the course will change, since the content of the course is based on current issues and developments within the media.

Comm 396 International Media Systems **3 sem. hrs.**
New Number: 0252 415

Comm 397 Special Projects **3 sem. hrs.**
New Numbers: 0252 495. 0253 495. 0254 495. 0255 495. The student presents a written proposal to the communications faculty for independent work on a project at least six weeks before registration. If the proposal is accepted, a faculty advisor is assigned to counsel the student, give advice, and evaluate the work. Special projects may take any form which promises meaningful achievement and which is relevant to departmental scholastic objectives.

Comm 398 Independent Film Production **3 sem. hrs.**
New Number: 0254 350. Prerequisites: Comm 330 and consent of instructor. A seminar course covering advanced editing and cinematography, laboratory procedures, production organization, script breakdown, etc.

Comm 411-412 Senior Journalism Lab **6 sem. hrs.**
New Number: 0255 497. Practical experience with academic evaluation and assigned credit. May be gained through work for campus and off campus publications and organizations. Credit variable: up to three hours per semester.

Comm 444 Senior Project **1-3 sem. hrs.**
New Numbers: 0252 495. 0253 495. 0254 495. 0255 495. A senior level creative project in any medium, proposed by the student and approved and supervised by the faculty. Conceptual, creative, and technical excellence of the project is assumed.

Comm 498 Senior Colloquium I **1 sem. hr.**
New Number: 0252 485. This course is designed to aid the senior's transition into his/her profession or graduate school. Practical matters such as preparation of resumes and portfolios will be treated. Guest speakers from the fields of departmental interests will discuss current opportunities and conditions.

Comm 499 **Senior Colloquium II** **1 sem. hr.**
New Number: 0252 486. Each faculty member in the department will present a one hour long lecture in his/her specialty. The aim of the course is to review the high points of the student's course work in his/her major. The final examination in this course will serve the function of departmental comprehensive examination. Required of all majors.

Comm **Independent Study** **var. sem. hrs.**
New Numbers: 0252 499, 0253 499, 0254 499, and 0255 499.

COMPUTER SCIENCE

CmpSc 110 **Computer Science for Managers** **3 sem. hrs.**
New Number: 0224 110. This course gives the background and historical development of computers while exposing the student to machine components; input/output devices; ideas of EDP, its uses and limitations. Topics of discussion include impact on the organization and use of personnel; elementary problems in data base; legal, security, management, and communications with EDP personnel.

CmpSc 120 **BASIC** **3 sem. hrs.**
New Number: 0224 105. This course is designed to introduce non-computer science majors to problem solving techniques and algorithm development. BASIC is a very easy and straightforward computer language. The student will study elementary programming techniques, debugging and program verification on one of Loyola's microcomputers. This course is highly recommended for secondary education majors.

CmpSc 130 **Computers and Society** **3 sem. hrs.**
New Number: 0224 130. In the past few years virtually all disciplines have been affected by computers. As a result, it is important that every college student gain a basic knowledge of how this powerful tool affects his life in so many ways and of how he can make it best serve his needs. This course introduces the student to the computer environment as it is presently found in our society. Topics such as the paper society, computer crimes, 1984 Now, electronic business, money?, what's that?, the psychology of computers, and social computing are just a few that are presented and discussed.

CmpSc 161 **FORTRAN I** **3 sem. hrs.**
New Number: 0224 117. The high level programming languages of ANSI FORTRAN has been chosen in this course to introduce problem solving methods and algorithm development. The student will learn to design, code, debug, and document programs using techniques of good programming style. ANSI FORTRAN is the standard scientific computer language known for its learning ease and formula adaptation.

CmpSc 162 **FORTRAN II** **3 sem. hrs.**
New Number: 0224 118. This course continues the development of discipline in program design, in style and expression, and in debugging and testing especially for larger FORTRAN programs. The course introduces algorithmic analysis and basic aspects of string processing, recursion, internal search, and sort methods. Prerequisite: CmpSc 161.

CmpSc 171 COBOL I **3 sem. hrs.**

New Number: 0224 115. The high level programming language of ANSI COBOL has been chosen in this course to introduce problem solving methods and algorithm development. The student will learn to design, code, debug, and document programs using techniques of good programming style. ANSI COBOL is the standard business oriented language known for its universality in the computer shops of the business world.

CmpSc 172 COBOL II **3 sem. hrs.**

New Number: 0224 116. This course continues the development of discipline in program design, in style and expression, and in debugging and testing especially for larger COBOL programs. The course introduces algorithmic analysis and basic aspects of report writers and file management. Prerequisite: CmpSc 171.

CmpSc 261 Assembly Language Programming **3 sem. hrs.**

New Number: 0224 200. The objectives of this course are threefold: to provide basic concepts of programming systems, to introduce computer architecture, and to learn an assembly language. The student will study such topics as computer structure and machine language, assembly language, addressing techniques, macros, file I/O, program segmentation and linkage, assembler construction and interpretive routines. Prerequisite: CmpSc 162 or 172.

CmpSc 262 Introduction to Computer Organization **3 sem. hrs.**

New Number: 0224 205. In this course the student will learn the organization and structuring of the major hardware components of computers. The mechanics of information transfer and control within a digital computer system as well as the fundamentals of logic design will be presented. Topics for consideration are: basic logic, design, coding, number representation and arithmetic, computer architecture, and an actual simple microprocessor system. Prerequisite: CmpSc 261.

CmpSc 271 Introduction to File Processing **3 sem. hrs.**

New Number: 0224 210. This course introduces the concepts and techniques of structuring data on bulk storage devices and it provides experience in the use of these devices. A foundation for applications of data structures and file processing techniques is presented. The student will study file processing environments, sequential access, data structures, direct access, and File I/0. Prerequisite: CmpSc 162 or 172.

CmpSc 310 Data Structures and Algorithm Analysis **3 sem. hrs.**

New Number: 0224 310. The objective of this course is to apply analysis and design techniques to nonnumeric algorithms which act on data structures. It continues to use algorithmic analysis and design criteria in the selection of methods for data manipulation in the environment of a database management system. Topics for consideration are: graphs, algorithm design and analysis, memory management and system design. Prerequisite: CmpSc 271.

CmpSc 313 Database Management Systems **3 sem. hrs.**

New Number: 0224 320. It is felt that in the years ahead, database systems will become increasingly widespread and important. This course covers the fundamental concepts of such systems as: database system architecture, the relational approach, the hierarchical approach, the network approach, security and integrity. The student will study storage structures, data models and data sublan-

guages, relational calculus, relational algebra, data submodels, access control, data sharing. Prerequisite: CmpSc 271.

CmpSc 314 Analysis of Algorithms **3 sem. hrs.**

New Number: 0224 330. The objectives of this course are the study of existing algorithms, the development of improved solutions, and the selection of the "best" algorithm for a given set of circumstances. The student will study combinational problems of sorting, searching, permutations; linear algebra problems of matrix arithmetic and matrix inversions; the evaluation of polynomials and other arithmetic procedures. Prerequisite: CmpSc 313.

CmpSc 331 Operating Systems and Computer Architecture I **3 sem. hrs.**

New Number: 0224 331. This course introduces the major concept areas of operating systems and principles while developing in the student an understanding of the organization and architecture of computer systems at the register-transfer and programming level of system description. The student will learn the inter-relationships between the operating system and the architecture of computer systems. Topics for study are instruction sets, I/O and interrupt structure, addressing schemes, microprogramming procedure implementation, memory management, system structure and evaluation, recovery procedures. Prerequisite: CmpSc 262.

CmpSc 332 Operating Systems and Computer Architecture II **3 sem. hrs.**

New Number: 0224 332. Continuing the development and understandings established in CmpSc 331, the student will review I/O and interrupt structure. The student will then advance to such topics as concurrent processing, name management, resource allocation, protection, pipelining and parallelism, telecommunications, and distributive systems. Prerequisite: CmpSc 331.

CmpSc 340 Organization of Programming Languages **3 sem. hrs.**

New Number: 0224 340. In order to develop an understanding of the organization of programming languages, especially the run-time behavior of programs, this course introduces the formal study of programming language specifications and analysis. It continues the development of problem solution and programming skills introduced in the elementary level material. Topics to be covered are language definition structure, data types and structures, control structures and data flow, run-time consideration, interpretative languages, lexical analysis and parsing. Prerequisite: CmpSc 271.

CmpSc 341 Theory of Programming Languages **3 sem. hrs.**

New Number: 0224 341. This course is concerned with the design of high-level procedural programming languages; however, it is not intended for language designers but rather for applications and systems programmers who use high-level languages. Essential parts of the high-level languages such as scalar and aggregate variables, arithmetic and logical expressions, and iteration elements are presented and studied. Topics covered are user aspects, applications — scientific, commercial and systems, implementation of languages, data elements, sequencing and control structures, subroutines, procedures. Prerequisite: CmpSc 340.

CmpSc 342 Compiler Writing Laboratory **3 sem. hrs.**
New Number: 0224 440. This course is a comprehensive study of compiler theory emphasizing parsing and theoretical background, as well as, actual compiler writing and programming language translation. The student will study such topics as: theory of translation, parsing methods, one-pass no backtrack parsing, limited backtrack parsing algorithms, techniques for constructing LR parsers classes of grammars generating the deterministic languages, syntax directed translation, bookkeeping, symbol tables, code optimization, programs with loops, interval analysis. Prerequisite: CmpSc 340.

CmpSc 343 Automata, Computability and Formal Languages **3 sem. hrs.**
New Number: 0224 450. While introducing the theory of automata and formal languages, this course provides students with information which enable them to utilize computation theory with practical applications. It examines both the fundamentals of computation theory as well as methodologies for its utilization. Both theory and applications are developed with equal emphasis. Topics of study include: complexity of algorithms, combinatorial scheduling algorithms, linguistic approach to pattern recognition, application of formal grammars and automata to programming language definition, automata theoretical approach to interactive computer graphics. Prerequisite: CmpSc 340.

CmpSc 363 Numerical Mathematics I: Analysis **3 sem. hrs.**
New Number: 0224 400. As an introduction to the numerical algorithms fundamental to scientific computer work, this course stresses computational procedures and applications. The student will study error analysis, polynomial interpolation, quadrature, ordinary differential equations boundary value problems, functional approximation, numerical solutions to partial differential equations. Prerequisite: CmpSc 340 and Math 257-258.

CmpSc 364 Numerical Mathematics II: Linear Algebra **3 sem. hrs.**
New Number: 0224 401. Emphasizing the computational procedures and applications established in CmpSc 363, this course involves computer solutions of problems involving matrices, systems of linear equations, numerical solutions to nonlinear equations. Other topics of discussion are: spline interpolation, extrapolation methods, zeros and extrema of functions, least squares and the singular value decomposition, random number generation and monte carlo methods. Prerequisite: CmpSc 363.

CmpSc 383 Advanced Systems Programming **3 sem. hrs.**
New Number: 0224 410. This course is a detailed study of systems programming in terms of both hardware and software. It compares the batch process systems programs, their components and operating characteristics with the multiprogramming environment. Topics of study include interrupt systems, primitive level input/output, job control, advanced data management techniques, fundamentals of communications systems. Prerequisite: CmpSc 332.

CmpSc 393 Mini/Micro Computer Laboratory **3 sem. hrs.**
New Number: 0224 420. The objectives of this course are to give a complete overview of mini-computer systems, their design, implementation and operation, and to treat in detail micro-processor architecture, read-only memory (ROM), random-access memory (RAM) and input/output interfacing methods. This course will provide the student with a thorough knowledge of the state-of-the-art

in both mini and micro computer development. Prerequisite: CmpSc 332.

CmpSc 400-410 Special Topics in Computer Science
New Number: 0224 493. These 11 courses are to be contracted by a student with a professor and the title will then denote the specific project. These courses will be considered as electives.

CRIMINAL JUSTICE

CrJus 204 Introduction to Corrections 3 sem. hrs.
New Number: 0556 100. The role of corrections in the American criminal justice system together with court and institutional administration are covered. Selected correctional techniques are reviewed and evaluated. The history of corrections is discussed in terms of societal responses to deviance.

CrJus 221 Introduction to Law Enforcement 3 sem. hrs.
New Number: 0556 101. Introduction to the philosophical and historical background of law enforcement. The principles of organization and administration for law enforcement, functions and specific activities; planning and research; public relations, personnel and training, inspection and control; direction; policy formation. Special emphasis will be given to the functioning of law enforcement and public safety as part of the criminal justice system.

CrJus 230 Introduction to Criminal Justice Systems I 3 sem. hrs.
New Number: 0556 105. This course is intended to introduce the student to how the justice system works in America. It begins with a discussion of the underlying rationale for punishment of crimes. Topics discussed include: the police, role of the attorney, bail, the criminal trial, sentencing, corrections, and post-conviction remedies.

CrJus 232 Fundamentals of Criminology 3 sem. hrs.
New Number: 0556 110. Criminology will be explored in terms of a survey of basic topics and problems related to the discipline, such as the nature of crime in America, criminal statistics, and selected criminological theories. This is an introduction to the systematic (i.e., scholarly and scientific) study of crime, criminals, criminal behavior, and the criminal justice system. Special emphasis will be given to an understanding of the functioning of criminology as part of the criminal justice system.

CrJus 250-251 Criminalistics I & II 3 sem. hrs.
New Number: 0556 200-201. A survey of investigative techniques and the analysis of physical evidence. Designed to provide an introduction to evidence collection and analysis, this course should not be taken by professional lab technicians or criminalists. Consideration is given to the functioning of criminalistics as part of a criminal justice system.

CrJus 255 Personal Identification **3 sem. hrs.**
New Number: 0556 215. Utilization of portrait parle composites, skeletal remains, finger prints, and personal identification.

CrJus 301 Elements of Police Supervision **3 sem. hrs.**
New Number: 0556 205. Supervisory methods and problems within the law enforcement organization and the implication of principles of human relations to effective performance; problems of policy and procedure; field supervisory problems; instructional and disciplinary methods; motivation; leadership; planning; supervisory reporting; performance evaluation.

CrJus 305-306 Police Administration I & II **3 sem. hrs.**
New Number: 0556 210-211. A behavioral and creative approach to the study of law enforcement administration. Individual and group studies in the dynamics of law enforcement and administration. Social and psychological aspects of organization and management. Policy formulation and decision making in management from a human relations and organizational point of view. Electronic data processing in law enforcement.

CrJus 318 Recent Supreme Court Decisions **3 sem. hrs.**
New Number: 0556 220. Students are exposed to an indepth discussion and analysis of the most recent Supreme Court decisions in criminal cases. Issues of procedural and substantive criminal law, right to counsel, criminal evidence, and consitutional law will be covered.

CrJus 319 Social Work and Drug Abuse **3 sem. hrs.**
New Number: 0556 255. Course focuses on the sociological and psychological implications of alcohol and drug abuse with emphasis on social service delivery systems.

CrJus 322 Police in the Political System **3 sem. hrs.**
New Number: 0556 305. This is an examination of the dilemma of the democratic policeman. Traditional concepts of democracy, authority and political power are examined in depth. The influence and operation of state and local government upon the police system are studied with emphasis on the concept of civil service and the merit system. The civil rights of the police and the public as well as the concept of civil disobedience are given extensive treatment.

CrJus 333 Research Methods in Criminology **3 sem. hrs.**
New Number: 0556 300. Data collection, reduction, and analysis are covered for the major forms of research used in the behavioral and social sciences. The experimental analysis, control group designs, and survey research are given equal weight. Tests and measurements, and computer applications are mentioned.

CrJus 345 Social and Psychological Stress **3 sem. hrs.**
New Number: 0556 230. Changing concepts of stress; Durkheimian, Marxist, interactionist and recent models of man and society; individual and collective responses to stress. Special topics include: life stress, personality, and illness; isolation, loss, separation, and psychosocial transitions; response to natural disasters; concentration camp syndrome; occupational stress.

CrJus 346 **Psychiatry and the Law** **3 sem. hrs.**
New Number: 0556 315. This course reviews the insanity defense, civil involuntary commitment, and the nature of psychiatry. The differing vocabularies and assumptions of law and psychiatry are discussed. 3 credit hrs.

CrJus 347 **Violent Offenders** **3 sem. hrs.**
New Number: 0556 320. The nature of aggression; social, psychological and biological determinants of aggression; epidemiological and cross-cultural aspects of violent crime; theories of violence; role of the victim, psychopathology of violence; nutrition and crime. Special topics include: homicide; assault; violence in the family; rape; armed robbery; terrorism and assassination; psychopathy; prediction of dangerousness; methods of control.

CrJus 350 **Suicide and Self-Destructive Behavior** **3 sem. hrs.**
New Number: 0556 310. This course examines the interrelationships between suicide and other forms of self-destructive behavior, including self-mutilation, addictive behavior, dangerous driving, and criminality. The course reviews: cross-cultural and historical views of suicide; epidemiology of completed and attempted suicide; determinants and theories of suicide; active and passive forms of suicide.

CrJus 360 **Probation and Parole** **3 sem. hrs.**
New Number: 0556 325. Basic definitions, policy planning, staffing, presentence investigations, prerelease procedures, use of community resources, and evaluation of current activities.

CrJus 365 **Correctional Institutions** **3 sem. hrs.**
New Number: 0556 330. The structure, organization, and management of the major adult and juvenile correctional facilities, (court, probation, parole, and institutions) are discussed. The empirical foundations of modern management principles applicable to correctional facilities are assessed. While the focus is on public agencies, the aspects of private correctional concerns are considered.

CrJus 369 **Correctional Counseling** **3 sem. hrs.**
New Number: 0556 335. A survey of the various methods of counseling utilized in correctional settings ranging from the Freudian to behavioral approaches. Emphasis is placed on the type of offenders to be encountered and the relative effectiveness of the various counseling approaches.

CrJus 370 **Treatment Methods in Correctional Intervention** **2 sem. hrs.**
New Number: 0556 340. A survey of the rehabilitative practices currently in use in community and institutional corrections. Theory, application, and empirical foundations are critically analyzed.

CrJus 375 **Organized Crime** **3 sem. hrs.**
New Number: 0556 245. The course begins with an historical review of various secret criminal societies in Europe. The origin of the American Mafia and its relationship to organized crime are reviewed. Special emphasis is placed on the interrelationship between social organization and organized crime.

CrJus 378 **Seminar in Constitutional Law** **3 sem. hrs.**
New Number: 0556 345. Basic constitutional law, and in depth analysis of Supreme Court decisions decided during recent terms of court with a special emphasis on trends in constitutional law and criminal procedure.

CrJus 380 **Practicum in Corrections** **3 sem. hrs.**
New Number: 0556 497. Supervised instruction in a correctional agency, such as a state department of corrections, through close cooperation between faculty members, agency authorities, and the students. Not available to students outside the correctional specialty. Pre-registration academic advising with a member of the criminal justice faculty and CC form 100 are required. Prerequisite: 3 correctional courses.

CrJus 381 **Juvenile Justice Process** **3 sem. hrs.**
New Number: 0556 255. An examination of the major decisions made about the juvenile from initial contact by the police or other agency through termination of legal control over his conduct. Constitutional limitations on the power of the juvenile justice process as a result of recent Supreme Court decisions, case law developments, and statutory changes will be critically reviewed.

CrJus 384 **Police Behavior** **3 sem. hrs.**
New Number: 0556 355.

CrJus 385 **Research and Planning in Law Enforcement** **3 sem. hrs.**
New Number: 0556 400.

CrJus 390 **Independent Study** **3 sem. hrs.**
New Number: 0556 499. Research in a specialized topic selected by the student and instructor culminating in a paper suitable, at least in form, for publication in a law enforcement journal. Not available to students outside the law enforcement specialty. Preregistration academic advising by a criminal justice faculty member and CC form 100 are required. Prerequisite: 3 law enforcement courses.

CrJus 400 **Police and Society** **3 sem. hrs.**
New Number: 0556 235. An innovative course that speaks to the problem of practical applications of theology, philosophy, psychology, sociology, and communications to the life and work of the policeman.

DECISION SCIENCES (0302)

DecS 200 **Business Statistics I** **3 sem. hrs.**
Formerly: DecSc 214. Sources and collection of business data; descriptive statistics; probability theory and distribution; and sampling methods, estimation and hypothesis tests. Business applications and use of canned computer programs. Prerequisites: CmpSc 161 or 171 (may be taken concurrently), Math 115-116.

DecS 201 **Business Statistics II** **3 sem. hrs.**
Formerly: DecSc 215. Chi-square tests, analysis of variance, experimental design, simple regression and correlation, time series, index numbers, nonparametric tests, and decision theory. Business applications and use of canned computer programs. Prerequisites: DecS 200.

DecS 300 **Linear Programming and Regression Analysis** **3 sem. hrs.**
Formerly: DecSc 370. Matrix analysis, linear programming, and multiple regression and correlation analyses. Business applications and use of canned computer programs. Prerequisite: DecS 201.

DecS 499 **Individual Studies in Decision Sciences** **3 sem. hrs.**
Formerly: DecSc 398. Directed advanced individual projects. Admission by permission of instructor.

DENTAL HYGIENE

DenHy 201 **Head and Neck Anatomy and Physiology** **4 sem. hrs.**
New Number: 0205 201. Anatomy and physiology of the head and neck including a study of the primary and permanent dentitions and periodontal structure. Special emphasis is placed upon root morphology to the practice of dentistry and dental hygiene. Histological and embryological considerations are included.

DenHy 202-305 **Dental Materials and Dental Specialties** **2-2 sem. hrs.**
New Number: 0205 205-206. Introduction to dental materials and the dental hygienist's relationship to the dental specialties through their use.

DenHy 203-204 **Dental Radiology** **1-1 sem. hr.**
New Number: 0205 210-211. A lecture-demonstration course which includes radiation physics, radiation biology, radiation hygiene, and radiographic techniques. Also included is an introduction to radiological interpretation of normal and abnormal dental and periodontal conditions.

DenHy 212 **Preventive Dentistry** **2 sem. hrs.**
New Number: 0205 215. Prevention of dental disease through the use of patient education and motivation in individual and group situations. The use and development of instructional aids are included along with the application of the principles of dental health education.

DenHy 211-213 **Pre-Clinical Dental Hygiene Lecture and Lab** **2-2 sem. hrs.**
New Number: 0205 220-221. An introduction to the practice of dental hygiene with principles and practice of proper instrumentation. Experience is gained on manikins and fellow students. Information on medical emergencies is included.

DenHy 214 **Clinical Practice II** **2 sem. hrs.**
New Number: 0205 225. Actual practice of the most basic dental hygiene procedures.

DenHy 301 **Nutrition and Dietetics** **2 sem. hrs.**
New Number: 0205 301. The principles of nutrition in relationship to good health with special emphasis on dental implications. The food needs of normal individuals of different ages and the selection of food for the maintenance of maximum health are stressed. Experiences in diet analysis and diet counselling for various types of dental patients included.

DenHy 303 Periodontology **2 sem. hrs.**
New Number: 0205 305. A lecture-demonstration course with information to understand the principles involved in the prevention and treatment of periodontal disease.

DenHy 306 Community Dentistry **2 sem. hrs.**
New Number: 0205 310. Principles and methods of community health are presented with applications made to community dentistry. Aspects of preventive dentistry on a community basis are presented and applied to the practice of dental hygiene.

DenHy 308 Dental Hygiene Seminar (Practice Management) **2 sem. hrs.**
New Number: 0205 315. Included are practice management, ethics, economics, jurisprudence, and state dental laws as they affect the practice of the dental hygienist.

DenHy 311 General and Oral Pathology **3 sem. hrs.**
New Number: 0205 320. A study of the nature of disease. Particular emphasis is placed on diseases of the oral cavity and adjacent structures by total body involvement is also considered. The role of the dental hygienist in disease prevention is emphasized. Developmental disturbances, inflammatory conditions, retrograde conditions, and neoplasms are included.

DenHy 312 Pharmacology **2 sem. hrs.**
New Number: 0205 325. A study of the sources of drugs, classification, dosage, therapeutic application and methods of administration. Didactic information on pain control is included. Special attention is given to pharmacology as it affects the clinical practice of dental hygiene and dentistry.

DenHy 331-332 Clinical Practice III and IV **4-4 sem. hrs.**
New Number: 0205 330-331. The actual practice of all of the allowed dental hygiene techniques under direct supervision with individual instruction. Clinic practice is obtained at Loyola's Dental Hygiene Clinic, Veterans Administration Hospital, and the Public Health Hospital.

DenHy 401-402 Individual Studies in Dental Hygiene **3-3 sem. hrs.**
New Number: 0205 499. Advanced studies in any relevant area of dental hygiene.

DRAMA AND SPEECH

DrSp 101 Fundamentals of Speech **3 sem. hrs.**
New Number: 0207 100-101. Study of the factors governing good speech content and delivery; an introduction to speech behavior in human interaction.

DrSp 103-104 Principles of Production **3-3 sem. hrs.**
New Number: 0206 100-101. Introduction to the principles of theatre production: scenery, lighting, properties, makeup, and other elements of the performance situation. Two hours of lecture per week and two intensive six week lab sessions when two productions are scheduled for Marquette Theatre. Lab hours are scheduled between 9 a.m. and 4:30 p.m. Mon-Fri. Final two weeks of rehearsal and performance additional lab hours are scheduled in the evenings to assist in production of the plays.

DrSp 120 **Introduction to Arts in Therapy** **3 sem. hrs.**
New Number: 0206 115. Through films and discussion, the use of the various arts as therapeutic tools is examined.

DrSp 203 **Actor's Voice** **2 sem. hrs.**
New Number: 0207 200. Theory and practice of speaking for the stage.

DrSp 209 **Oral Interpretation of Literature** **3 sem. hrs.**
New Number: 0207 210-211. A study of the techniques of oral presentation of poetry, drama; practice in delivery of selected types of literature; exercises for the development of tone, melody, timing, and emphasis.

DrSp 211-212 **The Actor's Art** **3-3 sem. hrs.**
New Number: 0206 220-221. Leading theories and basic techniques of acting. One of the final assignments will be the taping of a dramatic reading for testing achievement in diction and interpretation.

DrSp 214 **Body Movement for the Theatre** **3 sem. hrs.**
New Number: 0206 230. Foundation course for the basic forms of narrative and lyric movements; fundamentals of mime and pantomine.

DrSp 215 **Mime and Pantomine** **3 sem. hrs.**
New Number: 0206 235. Through physical exercises, elements of the human body in movement are isolated, studied and reconstructed according to technical and artistic principles, for theatrical presentation.

DrSp 216-217-218 **Intensive Summer Workshop in Mime** **3-3-3 sem. hrs.**
New Number: 0206 240. Study and training in the following areas in the art of mime: technique, improvisation, and vocal mime under the guidance of a staff trained in the classical form of dramatic mime taught by Etienne Decroux. May be taken more than once for credit.

DrSp 220 **Drama Therapy I** **3 sem. hrs.**
New Number: 0206 250. Introduction to the use of drama techniques as a means of therapeutic growth. Field placement in treatment center.

DrSp 223 **Theatre Workshop** **3 sem. hrs.**
New Number: 0206 260. Discussion and exploration of contemporary theatrical expression, e.g., story theatre, theatre of ritual, rock opera, theatre games. Emphasis on process.

DrSp 296 **Colloquium** **1 sem. hr.**
New Number: 0206 296. A weekly session designed to supplement courses in the dramatic arts through the use of books, films, and lectures. Guest speakers are sometimes invited.

DrSp 303 **Play Production** **3 sem. hrs.**
New Number: 0206 300. An intensive six week course in which the class meets five nights each week from 7:30 to 10:10. All class work involves the production of one full length play. Assignments will include work on all facets of theatre production. Course may be taken more than once.

DrSp 311-312 The Director's Art **3-3 sem. hrs.**
New Number: 0206 310-311. Leading theories and techniques of stage directing.

DrSp 313-314 Child Drama **3-3 sem. hrs.**
New Number: 0206 320-321. The course is divided into 1) actual work with children and 2) establishing a rationale for work done. Techniques based on the theories of Viola Spolin will be used to explore the following general areas: theatre games and exercises, story telling, creative thinking, and creative movement.

DrSp 325 Lighting for the Theatre **3 sem. hrs.**
New Number: 0206 325. A theoretical and practical course in the principles and practices of stage lighting for the theatre, television, and allied media.

DrSp 328 Beginning Set Design **3 sem. hrs.**
New Number: 0206 330. A practical course in the methods and materials of stage design.

DrSp 329 Advanced Set Design **3 sem. hrs.**
New Number: 0206 335. Special problems in designing for the theatre. Students are expected to supply renderings and plans. Prerequisite: DrSp 328 or instructor's permission.

DrSp 340 Playwriting **2 sem. hrs.**
New Number: 0206 340. Analysis of linear and nonlinear plays for an appreciation of principles operative in both. The student is expected to complete at least one one-act play or the first draft of a full length each semester.

DrSp 379 Theatre Management **2 sem. hrs.**
New Number: 0206 355. Theory and practice of budget, advertising, ticket and box office operations.

DrSp 420-421 Psychodrama **3-3 sem. hrs.**
New Number: 0206 400. Practice in the techniques of role playing, sociometry, and role theory as devised by Dr. J. L. Moreno for spontaneous drama arising from problems within the group.

DrSp 431 Summer Stock Play Production **2 sem. hrs.**
New Number: 0206 410. All work in class involves the production of a full length play during summer school. Assignments are available in every phase of production.

DrSp 485-486 Independent Study **var. sem. hrs.**
New Number: 0206 499.

ECONOMICS (0303)

Econ 130 Economics and Society **3 sem. hrs.**
Formerly: Econ 200. The course is designed to introduce the student to the tools available for understanding and making decisions about current economic problems such as unemployment, inflation, crime, education, pollution, etc. The course focus is on the proposition that basic economic concepts are essential in making better decisions about everyday problems, and these concepts are applied to analyzing several current problems. This course is open only for

nonbusiness credit and only to students who have not had principles of economics.

Econ 200 **Principles of Microeconomics** **3 sem. hrs.**
Formerly: Econ 202. Demand analysis, output pricing and resource allocation under varying degrees of competition, contemporary problems in economics, international trade. Prerequisite: Math 115-116.

Econ 201 **Principles of Macroeconomics** **3 sem. hrs.**
Introduction to economics; survey of the roles of business, government, and the consumer in the economy; income, output, and employment theory; monetary, fiscal, and debt management policies; economic growth. Prerequisite: Math 115-116.

Econ 301 **Economcs of the Public Sector I** **3 sem. hrs.**
Formerly: Econ 370. The theory and practice of public sector resource allocation, income distribution and economic stabilization problems are studied. An analysis is provided of the theory and application of taxation and expenditure policies. The course also includes a discussion of the varous forms and impacts of government regulation. Prerequisite: Econ 200, 201.

Econ 302 **Economics of the Public Sector II** **3 sem. hrs.**
Formerly: Econ 371. Attention is given to "fiscal federalism" and to the unique organizational and administrative problems of state and local governmental units. Topics of analysis include state-local expenditure patterns, state-local taxation policies, revenue sharing, and conditional and unconditional grants-in-aid. The course gives an overview of the economic problems of urban communities and their impacts upon public sector decision-making. Prerequisite: Econ 200, 201.

Econ 305 **International Economics** **3 sem. hrs.**
Formerly: Econ 309. This course is divided into two parts. The first part studies various theses dealing with why nations trade and the nature of traded items. The second part studies international financial arrangements including fixed and flexible exchange rates and adjustments to disequilibrium. Prerequisite: Econ 200-201.

Econ 310 **Government and Business** **3 sem. hrs.**
Formerly: Econ 322. Analysis of industry structure, conduct, and performance; survey of antitrust laws; interferences with distribution channels; special regulation of industry; economics, legal, and socio-philosophical foundation of government participation in the economic process. Prerequisite: Econ 200-201.

Econ 400 **Intermediate Microeconomic Analysis** **3 sem. hrs.**
Formerly: Econ 321. Analysis of the theory of demand and the theory of the firm, perfect and imperfect competition, the pricing of resources, general equilibrium, welfare economics. Prerequisite: Econ 200-201.

Econ 401 **Intermediate Macroeconomic Analysis** **3 sem. hrs.**
Formerly: Econ 322. Measurement of aggregate economic activity; theory of national income, employment, and the price level; role of fiscal and monetary policy in stabilization and growth. Prerequisite: Econ 200-201.

Econ 493 **Special Topics in Economics** **3 sem. hrs.**
Formerly: Econ 350. Courses will be provided under this number to augment the degree program of the economics (and other business) major. Specific topical material from which students may petition that courses be offered are as follows: business cycles and forecasting, comparative economic systems, econometrics, economic development, history of economic thought, macroeconomic policy, microeconomic policy, monetary theory, labor economics. Admission by permission of instructor.

Econ 499 **Individual Studies in Economics** **3 sem. hrs.**
Formerly: Econ 398. Individual study, research, or projects in economics may be arranged with the faculty. Admission by permission of instructor.

EDUCATION AND PHYSICAL EDUCATION

GENERAL EDUCATION

Educ 100 **Introduction to Education** **3 sem. hrs.**
New Number: 0214 100. A survey of the field from the standpoint of professional orientation to education.

Educ 200 **Teacher Aide** **1 sem. hr.**
New Number: 0214 200. As a prerequisite to student teaching, the student must participate in 50 clock hours of classroom activities approved by the department.

Educ 234 **Educational Psychology** **3 sem. hrs.**
New Number: 0214 205. A study of psychological principles as they apply to the field of education including the nature of man, nature of mental abilities, motivation, the learning process, individual differences, and principles of mental hygiene. Field experiences included.

Educ 371 **Tests and Measurements** **3 sem. hrs.**
New Number: 0214 300. The principles and practices utilized in the construction and improvement of teacher-made tests and an appraisal of the various types of standardized tests available to school systems.

Educ 380 **Urban Education** **3 sem. hrs.**
New Number: 0214 315. This course presents the unique aspects of education in urban societal structure. Emphasis is placed on development of appropriate objectives and teaching techniques usually taught as independent study.

Educ 397-398-399 **Independent Research Project in Education** **arr.**
New Number: 0214 498. Individual research project, under close supervision of a faculty member, to enrich the teacher preparation of the student.

GEOGRAPHY

Geog 152 **General Geography I** **3 sem. hrs.**
New Number: 0216 100. A basic survey of the physical-political regions of the earth.

Geog 153 **General Geography II** **3 sem. hrs.**
New Number: 0216 101. Analysis of geographical factors and concepts. Prerequisite: Geog. 152.

ELEMENTARY EDUCATION

Educ 155 **Art for Elementary School Teachers** **3 sem. hrs.**
New Number: 0208 200. Practical experience in art at the elementary level.

Educ 230 **Child Psychology** **3 sem. hrs.**
New Number: 0208 205. A study of the growth and development of the child from birth to adolescence with emphasis on motor functioning, language, intelligence, social and emotional adjustment, and moral formation. Field experiences are included.

Educ 236 **Introduction to the Psychology of the Exceptional Child** **3 sem. hrs.**
New Number: 0208 210. A study of the recognition of various types of exceptional children; techniques of appropriate classroom management will be stressed. Field experiences are included.

Educ 258 **Music Essentials and Methods for Elementary Teachers** **3 sem. hrs.**
New Number: 0208 258. A course for the elementary teacher in the fundamentals of music, elementary piano accompaniments, rhythm band activities, and sociological and psychological uses of music.

Educ 344 **Characteristics of Learning Disabilities** **3 sem. hrs.**
New Number: 0208 300. Treats the various professional approaches used in understanding disabled learners through exploring the basic recognition, understanding, and remediation of learning disability problems.

Educ 345 **Language Development** **3 sem. hrs.**
New Number: 0208 305. A study of normal, delayed, and distorted language development. Diagnostic and remedial techniques for children with language disorders. Prerequisite: permission of instructor.

Educ 354 **The Teaching of Science in the Elementary School** **3 sem. hrs.**
New Number: 0208 310. The offerings of elementary science toward the unification of the curriculum stressed through the use of visual aids, lab demonstrations, and field experiences.

Educ 355 **The Teaching of Arithmetic in the Elementary School** **3 sem. hrs.**
New Number: 0208 315. A review of arithmetic, the development of number concepts through insights and understanding growing out of the child's experience. The use and the interpretation of diagnostic materials and analysis of the abilities used in problem solving are reinforced through field experiences.

Educ 356 **Professional Seminar in Elementary Education** **2 sem. hrs.**
New Number: 0208 496. Seminar discussion meetings and field experiences, emphasizing the practical aspects of teaching at the elementary level, are planned to assist the student while he is engaged in student teaching. This course is a prerequisite to student teaching.

Educ 357 **Children's Literature** **3 sem. hrs.**
New Number: 0208 320. A study of children's literature, its uses in the elementary school, and the theory of story telling, K-6.

Educ 358 **The Teaching of Reading in the Elementary School** **3 sem. hrs.**
New Number: 0208 325. The methods and materials used in reading instruction in most types of elementary schools will be studied. Field experiences are included.

Educ 359 **Problems in Reading at the Elementary Level** **3 sem. hrs.**
New Number: 0208 330. A course designed to explore in depth the causes and remediation of reading disabilities in the elementary classroom in a field experience format.

Educ 360 **Practicum in Elementary Reading** **3 sem. hrs.**
New Number: 0208 335. A course in which students work in critical settings at the elementary school level, aiding children who have reading problems. Prerequisites: Educ 358, 359, permission of instructor.

Educ 400 **Kindergarten Student Teaching/Practicum** **3 sem. hrs.**
New Number: 0208 400. Professional lab experience in kindergarten under the supervision of a certified teacher. A total of 108 clock hours is earned in this practicum. Prerequisite: permission of director of elementary student teaching.

Educ 401 **Practicum in Elementary Education** **3 sem. hrs.**
New Number: 0208 405. Required for individuals already certified at the secondary level who desire elementary certification. Includes 108 clock hours elementary school activities. Student must present verification of three years' teaching experience.

Educ 403 **Elementary Student Teaching** **9 sem. hrs.**
New Number: 0208 410. Student teaching is that part of the professional laboratory experience designed to help the student to understand the work of the teacher and prepare the student for the responsibility of classroom teaching. The student teacher's schedule will be planned so that the student teacher will be able to spend all day for the five days each week at the off-campus laboratory school the entire semester designated for student teaching. No other courses may be taken during this semester. During this time the student is engaged in directed observation, participation, frequent conferences with the supervising teacher, and actual teaching conferences, individual and group, are held with the college supervisor. A student who is enrolled in Educ 350 must be engaged in this work during the entire 18 weeks of the semester. Anyone who is judged by the department to have a major deficiency which would impair his efficiency as a teacher will be excluded from student teaching. Prerequisites for student teaching: A point-hour ratio of 2.25 quality points in the teaching field, the successful completion of the junior level courses of the program that the student is following, and formal application to student teaching during the prior semester. Pre-

requisites: Educ 200 and permission of director of elementary student teaching.

SECONDARY EDUCATION

Educ 235 **Adolescent Psychology** **3 sem. hrs.**
New Number: 0212 200. A study of physical, emotional, intellectual, social, and moral development of the adolescent with application to his mental health and education. Field experiences included.

Educ 351 **Secondary School Methods** **3 sem. hrs.**
New Number: 0212 300. This course investigates various methods of teaching secondary school students. Prerequisite to student teaching. Field experiences included.

Educ 361 **Teaching Reading in the Secondary Schools** **3 sem. hrs.**
New Number: 0212 305. This course is designed for any teacher in the secondary schools, including grades 7 through 12. Remedial, corrective, and developmental procedures will be discussed. "How to read" in all subject matter areas will be explored. The various materials used in secondary school reading programs will be inspected, including machines and "programmed" materials.

Educ 362 **Problems in Reading at the Secondary Level** **3 sem. hrs.**
New Number: 0212 310. A course designed to explore in depth the causes and remediation of reading disabilities in the secondary classroom in the field experience format.

Educ 363 **Practicum in Secondary Reading** **3 sem. hrs.**
New Number: 0212 315. A course in which students work in critical settings at the secondary school level assisting students who are experiencing reading difficulties. Prerequisites: Educ 361 and permission of instructor. Offered during summer only.

Educ 402 **Practicum in Secondary Education** **3 sem. hrs.**
New Number: 0212 405. Required for individuals already certified at the elementary level who desire secondary certification. Includes 108 clock hours of secondary school activities. Student must present verification of three years' teaching experience.

Educ 404 **Secondary Student Teaching** **9 sem. hrs.**
New Number: 0212 410. Student teaching is that part of the professional laboratory experience designed to help the student understand the work of the teacher and prepare the student for the responsibility of classroom teaching. The student teacher's schedule will be planned so that the student teacher will be expected to spend the teaching day for the five days each week at the off campus laboratory school the entire semester designated for student teaching. During this time the student is engaged in directed observation, participation, frequent conferences with the supervising teacher, and actual teaching. Conferences, individual and group, are held with the college supervisor. A student enrolled in this course must be engaged in this work during the entire 18 weeks of the semester. At the secondary level, student teaching must be in a subject in which the student will be certified. During this semester a student is permitted to schedule a maximum of one additional course. Anyone who is judged by the department to have a major deficiency which would impair his efficiency as a teacher will be excluded from student teaching. Prerequisites for secondary student teaching: Educ 200 or its equivalent as determined by the department and Educ 351, a point-hour ratio of 2.25 in professional

courses and teaching field courses, the successful completion of the junior level courses, formal application for student teaching during the prior semester, and permission of the director of secondary student teaching.

PHYSICAL EDUCATION

PhyEd 100	**Archery** New Number: 0215 200.	**2 sem. hrs.**
PhyEd 101	**Handball — Racquetball** New Number: 0215 201.	**2 sem. hrs.**
PhyEd 102	**Fencing** New Number: 0215 202.	**2 sem. hrs.**
PhyEd 103	**Weight Training** New Number: 0215 203.	**2 sem. hrs.**
PhyEd 104	**Body Mechanics and Conditioning** New Number: 0215 204.	**2 sem. hrs.**
PhyEd 105	**Gymnastics** New Number: 0215 205.	**2 sem. hrs.**
PhyEd 106	**Badminton** New Number: 0215 206.	**2 sem. hrs.**
PhyEd 107	**Tennis** New Number: 0215 207.	**2 sem. hrs.**
PhyEd 108	**Track and Field** New Number: 0215 208.	**2 sem. hrs.**
PhyEd 109	**Golf** New Number: 0215 209.	**2 sem. hrs.**
PhyEd 110	**Teamsports** New Number: 0215 210.	**2 sem. hrs.**
PhyEd 112	**Beginning Ballet** New Number: 0215 211.	**1 sem. hr.**
PhyEd 113	**Intermediate Ballet** New Number: 0215 212.	**1 sem. hr.**
PhyEd 114	**Folk and Square Dance** New Number: 0215 213.	**2 sem. hrs.**
PhyEd 115	**Modern Dance** New Number: 0215 214.	**2 sem. hrs.**
PhyEd 116	**Beginning Swimming** New Number: 0215 215.	**2 sem. hrs.**
PhyEd 117	**Intermediate Swimming** New Number: 0215 216.	**2 sem. hrs.**

PhyEd 120 **History and Principles of Physical Education** **3 sem. hrs.**
New Number: 0215 100. History and basic scientific and philosophical principles of physical education, including a survey of the nature of physical education, health, and recreation, and a review of the constant professional chance and development.

PhyEd 125 **First Aid and Safety** **2 sem. hrs.**
New Number: 0215 105. The knowledge of first aid and basic procedures for application.

PhyEd 160 **Program Techniques (Team Sports-Rhythms)** **3 sem. hrs.**
New Number: 0215 340. Provides an experience in teaching techniques with emphasis on material, presentation, skill testing, and evaluation in team sports and rhythms.

PhyEd 212 **Ballet Choreography Laboratory** **3 sem. hrs.**
New Number: 0215 217. Creation of dance forms. Recital at end of semester.

PhyEd 213 **Ballet Repertory** **3 sem. hrs.**
New Number: 0215 218. The study of dances from ballet and operas. Recital at end of semester.

PhyEd 216 **Life Saving** **2 sem. hrs.**
New Number: 0215 320.

PhyEd 240 **Personal and Community Health** **3 sem. hrs.**
New Number: 0215 120. Service and instructing in health, practical applications of personal and community health.

PhyEd 241 **Organization and Administration of Health Programs in Schools** **3 sem. hrs.**
New Number: 0215 400. Designing, supervising, and evaluating the school health program.

PhyEd 260 **Program Techniques (Individual/Dual Sports and Aquatics)** **3 sem. hrs.**
New Number: 0215 345. Provides an experience in teaching techniques with emphasis on material, presentation, skill testing, and evaluation in individual/dual sports and aquatics.

PhyEd 280 **Outdoor Recreation** **3 sem. hrs.**
New Number: 0215 110. Practical experience in camping, camp counseling, and outdoor education and recreation.

PhyEd 305 **Corrective, Developmental, and Adaptive Physical Education and Recreation** **3 sem. hrs.**
New Number: 0215 335. Designed for the physical education major in developing programs for special education and recreation. Practical application as a laboratory experience is included.

PhyEd 320 **Organization and Administration of Physical Education** **3 sem. hrs.**
New Number: 0215 405. Determining purposes, selecting and caring for equipment, organizing, and administering and teaching various programs in the school and community. Curriculum design included.

PhyEd 330 **Basketball — Methods of Coaching and Officiating** **3 sem. hrs.**
New Number: 0215 310.

PhyEd 331 **Baseball — Methods of Coaching and Officiating** **3 sem. hrs.**
New Number: 0215 315.

PhyEd 340 **Safety Education** **3 sem. hrs.**
New Number: 0215 125. Aims and objectives of safety programs, trends in safety, materials, and techniques in teaching safety.

PhyEd 341 **Methods and Materials in Health Education in Secondary Schools** **3 sem. hrs.**
New Number: 0215 420. Study of trends and methods in health teaching.

PhyEd 342 **Techniques in Health Education in Elementary Schools** **3 sem. hrs.**
New Number: 0215 330. Methods, materials and trends in the elementary school health instruction program.

PhyEd 362A **Techniques in Physical Education in the Elementary School** **2 sem. hrs.**
New Number: 0215 325. The study of the techniques, curriculum, and trends of the physical education program in the elementary school.

PhyEd 362B **Ped. for Elementary Physical Education Teachers** **3 sem. hrs.**
New Number: 0215 325. A study of techniques and content of basic physical skills needed in program planning, by means of movement, games, apparatus, rhythm, etc. for the elementary school child.

PhyEd 380 **School and Community Recreation** **3 sem. hrs.**
New Number: 0215 115. A study of various patterns of organizational and administrative structures dealing with aspects of recreation and its relationship to the school and community. This includes program, leadership, agency, etc.

PhyEd 430 **Football — Methods of Coaching and Officiating** **3 sem. hrs.**
New Number: 0215 305.

PhyEd 431 **Track — Methods of Coaching and Officiating** **3 sem. hrs.**
New Number: 0215 300.

PhyEd 471 **Testing and Exercise** **3 sem. hrs.**
New Number: 0215 415. Understanding and measuring the effects of exercise on physical fitness.

PhyEd 480 **Organization and Administration of Intramurals** **3 sem. hrs.**
New Number: 0215 410. A study of program design and administration of intramurals. Emphasis will be on organization, content, policies, equipment, and facilities.

ENGLISH

Engl 100 **Basic Skills in Writing (A & S)** **3 sem. hrs.**
New Number: 0217 100. Close supervision in writing skills such as grammar, punctuation, spelling, construction of sentences and paragraphs, and in reading skills. This course is designed as a prerequisite to Engl 103. Students who need to take it will be selected by means of a writing sample during admissions orientation or may choose to register for the course. All students placed in English 100 will also take Study Skills 131 (1 hour course, New Number: 0237 105.)

Engl 102 **English Composition for International Students (A&S)** **3 sem. hrs.**
New Number: 0217 105. A composition course, stressing the basics of grammar, usage, and syntax, designed for people speaking English as a second language.

Engl 103 **Composition Skills (A&S)** **3 sem. hrs.**
New Number: 0217 122. For course description see listing in common curriculum section.

The following 200 and 300 level courses, offered by the Department of English, constitute the pool from which the department's requirements are taken.

Engl 212 **Introduction to Fiction** **3 sem. hrs.**
New Number: 0218 205.

Engl 213 **Introduction to Drama** **3 sem. hrs.**
New Number: 0218 210.

Engl 214 **Introduction to Poetry** **3 sem. hrs.**
New Number: 0218 215.

Engl 215 **Introduction to Shakespeare** **3 sem. hrs.**
New Number: 0218 220. A formal reading of some 15 of the plays including comedies, tragedies, and histories.

Engl 250 **Literary Bibliography (The Critical Act)** **3 sem. hr.**
New Number: 0218 250. An introduction to the use of the library and the standard methods and materials of literary research. Theory and practice will be the emphasis.

Engl 275 **Creative Writing** **3 sem. hrs.**
New Number: 0218 255.

Engl 301 **Survey of Literature from Middle Ages to Death of Elizabeth in 1603** **4 sem. hrs.**
New Number: 0218 235. Poetry and drama will be emphasized, with some attention paid to prose. The main figures will be the Beowulf poet, Chaucer, Spenser, and Shakespeare.

Engl 302 **Poetry, Drama, and Prose from 1603 to 1798** **4 sem. hrs.**
New Number: 0218 240. A survey of English literature from 1603 to 1798. Figures may include Donne, Milton, Dryden, Pope, Swift, and Johnson.

Engl 303 **Survey of English Literature from Romantic Movement to Modernist and Beyond** **4 sem. hrs.**
New Number: 0218 245. Figures may include Blake, Wordsworth, Coleridge, Shelley, Keats, Tennyson, Browning, Lawrence, Joyce, Yeats, Conrad, and Eliot. Both major and minor figures will be studied as well as the aesthetic, philosophical, and historical assumptions which underlie and inform their works.

Engl 310 **American Literature from the Beginnings to the Civil War** **4 sem. hrs.**
New Number: 0218 230. A survey of American literature from the colonial period to the romantic.

Engl 311 **American Literature from the Civil War to the Present** **4 sem. hrs.**
New Number: 0218 231. A survey of American literature from the post Civil War period to the present.

Engl 403 **Advanced Composition** **3 sem. hrs.**
New Number: 0212 200. An advanced composition course open only to those who have had Engl 103 or its equivalent. Writing projects will be designed in response to student interest and professional goals.

The following 400 level courses will be taught in sequential rotation.

Engl 452 **18th Century British Fiction** **3 sem. hrs.**
New Number: 0218 345. A study of the novel in England during the period of Defoe, Richardson, Fielding, Smollett, and Sterne.

Engl 453 **19th Century British Fiction** **3 sem. hrs.**
New Number: 0218 350. A continuation of Engl 452 focusing on Austen, the Brontes, Thackeray, Dickens, George Eliot, and Hardy.

Engl 454 **20th Century British Fiction** **3 sem. hrs.**
New Number: 0218 355. A continuation of Engl 452-453 focusing on Conrad, Ford, Forster, Joyce, Lawrence, and Woolf, concluding with a look at more recent developments in fiction.

Engl 458 **19th Century American Fiction** **3 sem. hrs.**
New Number: 0218 405. American fiction from the romantics to the naturalists; may include Poe, Melville, Hawthorne, Twain, James, Crane, and Dreiser.

Engl 459 **20th Century American Fiction** **3 sem. hrs.**
New Number: 0218 410. American fiction from the 1920's to the present; may include Stein, Hemingway, Fitzgerald, and Faulkner.

Engl 467 **Shakespeare: Comedies** **3 sem. hrs.**
New Number: 0218 420. This course permits extensive reading in all of Shakespeare's comedies and late romances with attention given to the idea of comedy in the Renaissance.

Engl 468 **Shakespeare: Tragedies** **3 sem. hrs.**
New Number: 0218 425. Study of all the tragedies with emphasis on the five major plays: Hamlet, King Lear, Macbeth, Othello, and Antony and Cleopatra.

Engl 469 **Shakespeare: Histories** **3 sem. hrs.**
New Number: 0218 430. Study of all the history plays and of the concept of historical drama in the Renaissance.

The following 400 level courses will not be offered on a regular basis, but can be offered at any time in response to student interest.

Engl 408 **Chaucer** **3 sem. hrs.**
New Number: 0218 300. A close reading of the major works, with attention to the minor poetry and other English poets of the 14th and 15th centuries.

Engl 411 **Semiotics** **3 sem. hrs.**
New Number: 0218 305. This course advances a theory of communications based on the study of verbal and visual signs.

Engl 418 **Renaissance Poetry** **3 sem. hrs.**
New Number: 0218 310. A consideration of the poetry of the major figures of the period: Wyatt, Surrey, Sidney, Shakespeare, Jonson, Donne, Herbert, and Marvell, but omitting the longer works of Spencer.

Engl 419 **Spenser and Milton** **3 sem. hrs.**
New Number: 0218 315. The development of both writers in relation to their age, with intensive readings of the major works. Both *Paradise Lost* and *The Faerie Queene* will be read in their entirety.

Engl 427 **The Age of Satire** **3 sem. hrs.**
New Number: 0218 320. A survey of the major poets and prose writers of the Restoration and the 18th century to 1740 with emphasis on Dryden, Swift, and Pope.

Engl 437 **Romanticism** **3 sem. hrs.**
New Number: 0218 325. A consideration of the romantic movement in English poetry, concentrating on Blake, Wordsworth, Coleridge, Keats, Shelley, and Byron.

Engl 438 **Victorian England** **3 sem. hrs.**
New Number: 0218 330. A cultural and historical study of the age, with particular attention to Tennyson and Arnold.

Engl 447 **Modern Poetry** **3 sem. hrs.**
New Number: 0218 335. A survey of the major figures in England and America from Whitman to the beginning of World War II. Figures may include Yeats, Pound, Eliot, Frost, Stevens, Williams, and Auden.

Engl 457 **Southern Literature** **3 sem. hrs.**
New Number: 0218 400. A consideration of literary figures of the south with primary emphasis on 20th century writers. The course is flexible; one semester it may concentrate on prose; another, poetry, drama, and prose.

Engl 462 **Restoration Drama** **3 sem. hrs.**
New Number: 0218 400. Consideration of the chief dramatists in England from the restoration of the monarchy to the death of Queen Anne.

0218 493 **Directed Readings** **var. hrs.**

FINANCE (0304)

Fin 200 **Personal Finance** **3 sem. hrs.**
Formerly: Fin-201. A valuable survey course which explores those topical areas of finance which have direct impact on the individual's lifestyle. Emphasis is on budgeting, planning, cash management, credit, basic insurance, consumer information, estate planning, and tax planning. The interactions of the individual with various financial institutions are also discussed.

Fin 300 **Financial Management** **3 sem. hrs.**
Formerly: Fin 307. Methods and techniques employed to manage the financial resources of a medium to large-size business; emphasis is on working capital management, capital budgeting, and other common tools of financial management. Prerequisites: Acct 200 or Acct 205, Econ 200-201, DecS 200.

Fin 310 **Financial Institutions** **3 sem. hrs.**
Examines the purpose and functions of financial institutions (particularly commercial banks). Emphasis is on the interrelationships between financial institutions. Cases are used to foster an understanding of the problems and opportunities of different financial institutions. Prerequisites: Econ 200-201, DecS 200.

Fin 315 **Investments** **3 sem. hrs.**
Formerly: Fin 316. Analyzes different investment alternatives in a risk-return framework. Techniques for selection, timing, and diversification of investment choices are emphasized. Estate planning is also examined to help formulate a long run investment strategy. Prerequisite: Fin 300.

Fin 320 **Government Finance** **3 sem. hrs.**
An introduction to the theory and application of financial decision-making in the public sector is provided. The course is intended to provide the public administration major with an overview of concepts taught in the business oriented Financial Institutions and Investments courses. Topics of analysis in the course include financial planning, forecasting cash requirements, financial instruments, credit markets, and financial institutions. The course also provides an introduction to governmental budgeting with emphasis upon program budgeting, PPBS, and zero base budgeting. Prerequisite: Fin 300.

Fin 325 **International Financial Management** **3 sem. hrs.**
Study of the management of the financial resources of the multinational firm; includes discussion of the basic differences of an international operation from domestic financial management. Topics include reporting, investment decisions, risk planning and insurance, special tax handling, and the institutional services available to international operations. Prerequisite: Fin 300.

Fin 340 **Principles of Insurance** **3 sem. hrs.**
A course designed to acquaint the student with the basic principles of general insurance and a survey of the various types of insurance such as casualty, fire, life, health, accident, marine, etc.

Fin 350 **Fundamentals of Real Estate** **3 sem. hrs.**
Formerly: Fin 341. A study of the basic fundamentals of real estate as a practical tool and as an introduction to actual job experience. Covers such topics as appraisals, management, land utilization, listings, real estate, finance, and home building.

Fin 400 **Advanced Financial Management** **3 sem. hrs.**
Formerly: Fin 308. The theory and techniques of Fin 307 are expanded to the application of specific techniques to solve common corporate financial problems. Casework and problems. Prerequisite: Fin 300.

Fin 410 **Management of Financial Institutions** **3 sem. hrs.**
Formerly: Fin 311. Analyzes the asset and liability management problems of financial institutions. Emphasis is on the particular problems of managing a commercial bank. Cases are used to illustrate the alternative solutions to problems common to financial institution management. Prerequisite: Fin 310.

Fin 450 **Real Estate Investment & Finance** **3 sem. hrs.**
New Number: 0304 450. Prerequisites: Fin 350 or permission of instructor. Analyzes real estate financing and investment vis-a-vis other investment alternatives in a risk-return framework. Primary focus is on evaluating the risk-return potential of various kinds of incoming producing real property.

Fin 455 **Real Estate Appraisals** **3 sem. hrs.**
New Number: 0304 455. Prerequisite: permission of instructor. Valuation of real property under highest and best use. Separate analysis of land and building value. Focuses on the use of three methods of appraisal — market, cost and income approach.

Fin 493 **Special Topics in Finance** **3 sem. hrs.**
Formerly: Fin 350. As need or interest arises, courses will be provided under this number to augment the finance major's degree program. Specific topical material from which students may petition that courses be offered are as follows: speculative markets; portfolio analysis by and for management; real estate planning, investment, and management; estate planning; quantitative methods in finance; risk management; small business financial management. Admission by permission of instructor.

Fin 499 **Individual Studies in Finance** **3 sem. hrs.**
Formerly: Fin 398. Individual study, research, or projects may be undertaken in the field of finance. Admission by permission of instructor.

FRENCH

(see Modern Foreign Languages)

GERMAN

(see Modern Foreign Languages)

GREEK AND LATIN STUDIES

The following Greek and Latin courses represent the potential of the department and will be offered as the needs and wishes of the students dictate.

GREEK

Gk 101 **An introductory course in Homeric Greek** **3 sem. hrs.**
New Number: 0219 100. Study of morphology and syntax proceeds concurrently with readings from the *Odyssey*.

Gk 102 **A continuation of Gk 101, with readings from the *Iliad*.** **3 sem. hrs.**
New Number: 0219 101.

Gk 301 **Plato** **3 sem. hrs.**
New Number: 0219 301. The *Apology*, the *Crito*, and excerpts from the *Phaedo*. The *Euthyphro* is read in English. Prerequisite: Gk 102 or equivalent.

Gk 302 **Sophocles** **3 sem. hrs.**
New Number: 0219 305. One of the Theban plays *(Oedipus Tyrannus, Oedipus Coloneus, Antigone)* is read in Greek. Other plays of Sophocles are read in English.

Gk 304 **Aeschylus** **3 sem. hrs.**
New Number: 0219 310. The *Agamemnon* is read in Greek; the *Libation-Bearers* and the *Eumenides*, in English.

Gk 306 **Aristophanes** **3 sem. hrs.**
New Number: 0219 315. The *Clouds* and the *Frogs* are read in Greek; two other plays are read in English.

Gk 307 **Plato II** **3 sem. hrs.**
New Number: 0219 321. Of the *Republic*, Books I and X are read in Greek; the remaining books, in English.

Gk 309 **Euripides** **3 sem. hrs.**
New Number: 0219 325. *The Bacchae*, *Hippolytus*, and *Medea* are read in Greek; two other plays are read in English.

Gk 310 **Herodotus** **3 sem. hrs.**
New Number: 0219 330. Selections from the *Histories* are read in Greek; the whole work is discussed and evaluated.

Gk 311 **Greek Lyric Poetry** **3 sem. hrs.**
New Number: 0219 335. Selections from the extant works of Callinus, Tyrtaeus, Mimnermus, and others until Plato are read in Greek.

Gk 313 **St. Luke Evangelist** **3 sem. hrs.**
New Number: 0219 350. Selections from St. Luke's *Gospel* and from the *Acts of the Apostles* are read in the original Greek. Prerequisite: Gk 102 or equivalent.

Gk 314 **The Greek Septuagint** **3 sem. hrs.**
New Number: 0219 355. Selections, especially from the historical books, are read in the original Greek.

Gk 315 **The Greek Church Fathers** **3 sem. hrs.**
New Number: 0219 400. Selections from Ignatius of Antioch, from the two Cyrils, and from other Church Fathers are read in Greek.

Gk 498 **Research Project for Majors** **3 sem. hrs.**

LATIN

Lt 101-102 **An Introductory Course in Classical Latin** **3-3 sem. hrs.**
New Number: 0220 100-101. Study of morphology and syntax together with simplified readings in Latin.

Lt 201 **The Minor Poets** **3 sem. hrs.**
New Number: 0220 200. After intensive review of morphology and syntax, readings follow in Phaedrus' *Fables* and the poems of Catullus and of Tibullus.

Lt 202 **The Minor Poets** **3 sem. hrs.**
New Number: 0220 205. A continuation of Lt 201, this course focuses on readings from Ovid's *Metamorphoses, Fasti,* and *Tristia.*

Lt 302 **Livy** **3 sem. hrs.**
New Number: 0220 355. Readings from Books Twenty-One and Twenty-Two of the *History.* Discussion of historical method.

Lt 303 **Tacitus** **3 sem. hrs.**
New Number: 0220 300. The *Agricola* is read in Latin, the *Germania* in English.

Lt 304 **Juvenal** **3 sem. hrs.**
New Number: 0220 310. Reading of selected Satires in Latin with evaluation of their presentation of contemporary Roman mores.

Lt 305 **Plautus** **3 sem. hrs.**
New Number: 0220 315. Reading in Latin of the *Captivi,* and of one other play, supplemented by English reading of other comedies.

Lt 309 **St. Augustine I** **3 sem. hrs.**
New Number: 0220 320. Selected Latin passages from the *Civitas Dei* which demonstrate the author's linear theory of history.

Lt 310 **St. Augustine II** **3 sem. hrs.**
New Number: 0220 320. Selected Latin readings from the *Confessions.*

Lt 312 **Virgil** **3 sem. hrs.**
New Number: 0220 330. Reading the *Aeneid,* especially Books VII to XII. Discussion of its literary, philosophical, and religious implications.

Lt 313 **Horace** **3 sem. hrs.**
New Number: 0220 335. Reading of selected *Odes* and *Epodes* with analysis particularly of structural form.

Lt 314 **Virgil** **3 sem. hrs.**
New Number: 0220 340. Reading of the ten *Eclogues* and selected passages from the *Georgics.*

Lt 316 **Research Project for Majors** **3 sem. hrs.**
New Number: 0220 498. Independent study projects for qualified majors who develop interest in a special area.

Lt 317 **Cicero** **3 sem. hrs.**
New Number: 0220 345. Book I of the *Tusculan Disputations* is read in Latin; the remaining four books are read in English.

Lt 321 **Lucretius** **3 sem. hrs.**
New Number: 0220 350. Books I, II and III of the *De Rerum Natura* are read in Latin; the remaining three books in English. Discussion of Epicurean atomism.

Lt 323 **Medieval Prose and Poetry** **3 sem. hrs.**
New Number: 0220 325. Readings from the anthologies of Harrington and of Beeson — and from Germing's medieval hymnology.

COURSES IN ENGLISH TRANSLATION (CET)

*The reading assignments in these courses are very demanding. Active participation in class discussions based upon readings and weekly written reports are expected of serious students who choose to enroll in them.

CET 340 **Seminar in Greek Historians** **3 sem. hrs.**
New Number: 0221 320. Primarily designed for majors, this course will involve reading in English the works of Herodotus, Thucydides, Xenophon, and Polybius, supplemented by written reports and discussion.

CET 341 **Seminar in Roman Historians** **3 sem. hrs.**
New Number: 0221 321. Primarily designed for majors, this course will involve reading in English the works of Sallust, Caesar, Livy, Tacitus, and Suetonius, supplemented by written reports and discussion.

CET 350 **The Greek and Roman Epic** **3 sem. hrs.**
New Number: 0221 325. Reading the *Iliad*, the *Odyssey*, and the *Aeneid*, with emphasis on structural analysis and developing religio-philosophical implications.

CET 352 **Greek Tragedy** **3 sem. hrs.**
New Number: 0221 330. Reading the *Agamemnon, Libation-Bearers*, and *Eumenides* of Aeschylus; the *Oedipus King, Oedipus at Colonus*, and the *Antigone* of Sophocles; the *Hippolytus*, the *Bacchae*, and the *Medea* of Euripides.

CET 353 **Greek and Roman Comedy** **3 sem. hrs.**
New Number: 0221 335. This course involves reading and discussion of four plays of Aristophanes, four of Plautus, and two of Terrence

CET 356 **Pastoral Poetry** **3 sem. hrs.**
New Number: 0221 340. Readings from the *Idylls* of Theocritus and from the *Eclogues* of Virgil. Discussion of their influences on English pastoral poetry.

CET 357 **Greek Elegies and Lyrics** **3 sem. hrs.**
New Number: 0221 350. Reading of selections from the Greek elegiac and lyric poets like Tyrtaeus, Mimnermus, Solon, and Archilochus, Alcaeus, Sappho, and Pindar. Commentaries, discussions, and written reports supplement the readings.

CET 370 **The Religions of Ancient Greece** **3 sem. hrs.**
New Number: 0221 345. A study of the Homeric, chthonic, and mystery religions of ancient Greece together with an examination of Platonic and Stoic (philosophical) religion. As much as possible, readings are assigned from extant contemporary literature.

CET 373 **The Greek Sophists** **3 sem. hrs.**
New Number: 0221 355. A study of sophists who in 5th Century Greece inaugurated higher education as we know it, especially as reported in the dialogues of Plato and in other contemporary sources.

HISTORY

Hist 103 **World Civilization (2000 B.C. - 1500 A.D.)** **3 sem. hrs.**
New Number: 0222 121. For course description see listing in common curriculum section.

Hist 104 **World Civilization (1500 A.D. - Present)** **3 sem. hrs.**
New Number: 0222 122. Continuation of the study of man on this planet as new methods were applied to his human aspirations. The results of this new technology and cross-fertilization of cultures and the concomitant problems that ensued are treated.

Hist 201 **Survey of United States History I (1492-1865)** **3 sem. hrs.**
New Number: 0222 200. Discoveries and settlements; French and Indian wars; economic development; independence; the Articles and the Constitution; era of Jefferson; westward movements, the American system; the reign of Jackson; the Civil War. The emphasis in this course is generally political and economic.

Hist 202 **Survey of United States History II (1865 to Present)** **3 sem. hrs.**
New Number: 0222 201. Reconstruction; economic and social developments; imperialism; agriculture vs. industry; growth of monopolies and trusts; World War I; the New Deal, American interest in world affairs; World War II; toward internationalism; the New Frontier. The emphasis in this course is generally political and economic.

Hist 211 **The Catholic Church in the United States (1526-1950)** **3 sem. hrs.**
New Number: 0222 223. The Church in colonial America — Spanish, French and English; Catholics and the American Revolution; organization; expansion; trusteemania; bigotry; Provincial Councils of Baltimore; the Church and the Civil War Issues; the Chruch on the frontier; Plenary Councils of Baltimore; the school question; nationalism; Ku Klux Klan; and the A.P.A.; the heresy of Americanism; the Church and American labor; the Church and the American negro and indian.

Hist 299 **Reproduction of History** **2 sem. hrs.**
New Number: 0222 210. The course studies the method used by historians to discover and reproduce the past. It intends to show the student, how historians discover the traces of the past called sources, how to evaluate the truthfulness of these sources and how these sources are integrated to produce the written story of the past known as "history."

Hist 301 **Ancient History I** **3 sem. hrs.**
New Number: 0222 300. The ancient near east: the civilizations of Mesopotamia and Egypt; the Hittites; the Hebrews, Greece; the heroic age; the rise of the Polis; the colonies; the Persian crisis; Athens and Sparta; the cultural apogee; Macedonia, Alexander, and the hellenistic age.

Hist 302 **Ancient History II** **3 sem. hrs.**
New Number: 0222 301. The foundation of Rome; the early legendary period; expansion in central Italy; the Etruscans; the Gauls. Conflict in Carthage; the Punic Wars; expansion throughout the Mediterranean. Social crisis: the civil wars; triumph and death of Caesar; the principate; the Empire of Marcus Aurelius; the collapse of the 3rd century.

Hist 304 **Early Christianity** **3 sem. hrs.**
New Number: 0222 304. Apostolic age, geographical expansion, persecutions, organizational developments, early heresies, the Councils of Nicaea, Ephesus and Chalcedon, popular piety. Church-state relations, the rise of monasticism.

Hist 311 **Early Middle Ages (400 to 1200 A.D.)** **3 sem. hrs.**
New Number: 0222 306. Collapse of the Roman Empire; barbarian kingdoms; Byzantium and Islam; the Church; survival of culture; the Carolingian Renaissance and collapse; the feudal monarchies; the Empire and the Papacy; Gregory VII; the Crusades; the 12th century Renaissance.

Hist 312 **High Middle Ages and Renaissance (1200-1500 A.D.)** **3 sem. hrs.**
New Number: 0222 308. Innocent III; Frederick II; rise of nation states; Boniface VIII; Dante; Petrarch and humanism; Avignon papacy, the schism, the councils; Renaissance Italy; 15th century European nation-states; the Renaissance papacy.

Hist 320 **The Reformation: The Protestant and Catholic Phases** **3 sem. hrs.**
New Number: 0222 310. The origins of the reformation; Luther; Calvin; the English scene; the Scandinavian scene; the wars of religion; the effects of the Reformation; the prereformation attempts at reform; reactions to the Protestant reformers; the Council of Trent; the reformed papacy; revival among the regulars; education and scholarship; missions.

Hist 321 **Modern Europe I (1648-1815)** **3 sem. hrs.**
New Number: 0222 320. Europe after Westphalia, Louis XIV, absolutism, enlightenment, "benevolent despots", rise of Prussia and Russia, "old regime", the French Revolution, Napoleon, Congress of Vienna.

Hist 322 **Modern Europe II (1815-1914)** **3 sem. hrs.**
New Number: 0222 321. Europe after the Congress of Vienna: restoration and reaction; nationalism, liberalism, and socialism; the Revolution of 1848; Louis Napoleon; German and Italian unification; imperialism; origins of World War I.

Hist 323 **Modern Europe III (1914-1945)** **3 sem. hrs.**
New Number: 0222 322. World War I; Versailles; communism in Russia; fascism in Italy; Weimar Republic; Nazism and Hitler; Europe between the wars; international chaos; China, Ethiopia, Spain; appeasement; World War II; beginning of the cold war.

Hist 324 **Modern Europe IV (1945-Present)** **3 sem. hrs.**
New Number: 0222 323. Cold war; recovery; economic and social trends; cultural scene; political developments.

Hist 341 **Contemporary World History** **3 sem. hrs.**
New Number: 0222 324. The western nations in the aftermath of World War II; the communist states in the aftermath of the War, the march towards independence in Asia and Africa — India, China, Japan, Southeast Asia, the Near and Middle East, global resources. Defense and social justice.

Hist 351 **Latin American History (1492-1820)** **3 sem. hrs.**
New Number: 0222 220. The Latin American civilization of South America, Central America, Mexico, and the Caribbean area; discovery, conquest, exploration and colonization; influence of European civilization and the Church; development of Latin American economy and culture; struggle for independence of Mexico, South America, and Brazil.

Hist 352 **Latin American History (1820-Present)** **3 sem. hrs.**
New Number: 0222 221. Foundation and development of Mexico, Venezuela, Columbia, Ecuador, Peru, Bolivia, Chile, Argentina, Uruguay, Paraguay, Brazil, and the smaller nations of Middle America; Latin America and the United States; Inter-American relations.

Hist 353 **History of Mexico** **3 sem. hrs.**
New Number: 0222 410. Mexico's dramatic journey from Aztec times to the present is surveyed. Special emphasis is given to dominant social, economic, and cultural trends and these are related to important political events, such as the great Mexican Revolution of 1910, their formation and transformation. Mexico's recent economic development, and its lesson for the Third World.

Hist 354 **History of Spain** **3 sem. hrs.**
New Number: 0222 415. This course surveys the history of Spain from the time of the Moslem Conquest in 711 A.D. until the present day. Included are the Christian Reconquest of the Iberian Peninsula and its fundamental role in the formation of Spanish values and attitudes as well as its impact on social, political, and economic institutions; the emergence of a unified Catholic Spain under Isabella and Ferdinand; the Inquisition; the Golden Age of Spain under Charles I (1516-56) and Philip II (1556-98); the economic depression of the 17th century and recovery of the 18th; the impact of the Napoleonic wars and wars of independence in America; 19th century instability leading to the Civil War of 1936-39 when Franco emerges; unsuccessful attempts to adopt parliamentary democracy and modern economic institutions.

Hist 360 **American Colonial History (1565-1783)** **3 sem. hrs.**
New Number: 0220 330. An examination of the British motivation for settlement and the colonial system established, with emphasis upon the economic, political, and cultural backgrounds preceding the American Revolution. The significance of the revolution as a fulfillment of the colonial experience will receive attention.

Hist 361 **Louisiana History** **3 sem. hrs.**
New Number: 0220 245. Exploration of the Mississippi valley. French colonial regime. Spanish Louisiana and West Florida. Acadians, Louisiana Purchase, statehood; constitution and tendencies. Negro: slave and free. Immigration: Irish, German and (Later) Italian. Civil War, reconstruction, redemption. Progressive movement. Disenfranchisement and segregation. Huey Long. Louisiana scandals. Contemporary decades.

Hist 362 **History of the Old South** **3 sem. hrs.**
New Number: 0222 336. Origins and evolution of the old south as a distinctive region and section from its colonization through the collapse of the Confederacy. A balanced presentation of the social, economic, and political structure of southern society during the ante-bellum period will be offered.

Hist 363 **The City in United States History** **3 sem. hrs.**
New Number: 0222 255. A tracing of the role and problems of urbanization in the American past. Special focus will be given to the city in the century since the Civil War. The dilemmas of modern urban living including congestion, crime, economic change, and governmental inadequacy will be placed in historical perspective.

Hist 364 **New Republic: U.S. (1783-1820)** **3 sem. hrs.**
New Number: 0222 332. The confederation period; the federal constitution: the Philadelphia convention and ratification; the federalist era: Washington's administration, Hamilton's program and federalist political theory, Adams' administration; Jefferson's presidency: domestic affairs and foreign policy; War of 1812; era of good feelings — democratic nationalism.

Hist 365 **The Age of Jackson, 1815-1845** **3 sem. hrs.**
New Number: 0222 334. A study of the emerging conflict of nationalism and sectionalism in American life, with emphasis on economic and political forces affecting the expansion of the American democratic process. The conflicting theories of Jacksonian democracy, manifest destiny, and the Mexican War will be surveyed.

Hist 370 **United States Military History** **3 sem. hrs.**
New Number: 0222 248. United States military policy from the American Revolution to the cold war; the causes, events, and effects of major American conflicts; the role of the military in American society and thought during the past two centuries.

Hist 371 **United States Economic History** **3 sem. hrs.**
New Number: 0222 258. The development of the American economy from the colonial era to the nuclear age. Special attention will be paid to organizational and technological changes, to the role of key individuals in shaping the nation's material growth, and to the impact of public opinion and thought upon the formation of economic policy.

Hist 373 **United States Legal History I** **3 sem. hrs.**
New Number: 0222 230. The major developments in American legal history from the colonial settlements to the Civil War, with primary emphasis on the period 1776-1865.

Hist 374 **United States Legal History II** **3 sem. hrs.**
New Number: 0222 231. The major developments in American legal history in the era of industrialization from 1865 to the mid-20th century.

Hist 376 **Civil War and Reconstruction, 1845-1877** **3 sem. hrs.**
New Number: 0222 338. A detailed examination of the forces leading to sectional conflict in 1861 and to the eventual reestablishment of the union, with special emphasis upon the place of the Civil War in American historiography and upon the heritage of the reconstruction period.

Hist 377 **Gilded Age America, 1877-1914** **3 sem. hrs.**
New Number: 0222 340. A systematic probe of the American responses to industrialism and the emergence of the United States as a major power in international affairs. Particular attention will be accorded the gradual decline of laissez-faire thought; the intellectual and political foundations of the era's various reform movements, with special focus on Populism and Progressivism; the status of minority groups in a rapidly-changing society; and the rationales undergirding America's expansionism and sense of mission.

Hist 378 **The United States: War, Prosperity, Depression (1914-1941)** **3 sem. hrs.**
New Number: 0222 342. A studied analysis of the responses of the United States to the exigencies of the 20th century. The course commences with an examination of Wilsonian diplomacy and then attempts extensive reevaluation of both the foreign and domestic events of the twenties. The rise and fall of the New Deal is studied at length, as is the American response to the turmoils of European and Asian developments. The unsolved problems emanating from the second World War provide a backdrop for an analysis of the origins of the cold war.

Hist 379 **Contemporary America (1941-Present)** **3 sem. hrs.**
New Number: 0222 344. A thoroughgoing examination of the problems faced by the United States since the conclusion of the Second World War. Extensive research is conducted into the origins and development of the cold war, the Korean War, and the Viet Nam War. The culture of the fifties is examined in quest of new perspectives and analysis, and with reference to the disquietude of the sixties. Discussion and independent research encourage exposure to a multiplicity of source materials.

Hist 381 **History of England I (600-1600)** **3 sem. hrs.**
New Number: 0222 420. Roman Britain, Nordic invasions. Saxon England. Norman Conquest and the making of the nation. Plantagenets. Crusades, and the Hundred Years' War, early parliamentary development. Aristocratic anarchy, wars of the Roses. Strong Tudor monarchy. The break from Catholicism. Beginnings of overseas expansion, conflict with Spain.

Hist 382 **History of England II (1600-1945)** **3 sem. hrs.**
New Number: 0222 421. The Stuart Era, struggle between Crown and Parliament. The Protectorate. Stuart restoration. Parliamentary supremacy and the 18th century oligarchy. Loss of American colonies. Struggle with Napoleon. Industrial revolution. Victorian liberalism and reform. The new imperialism. World War I and II.

Hist 383 **France I** **3 sem. hrs.**
New Number: 0222 430. The peoples of Gaul. The Roman period. The Merovingian and Carolingian periods. The Capetian dynasty. The Hundred Years War. Economic and social developments. The religious and political struggle of the 16th century. Bourbon centralization and absolutism.

Hist 384 **France II** **3 sem. hrs.**
New Number: 0222 431. The social, economic, and political developments in France from the pre-revolutionary period to the present. Special attention will be given to the revolution, the struggle between varieties of the revolutionary tradition and their opponents in the 19th century, the Third Republic, and post-World II France.

Hist 385 **History of Russia I** **3 sem. hrs.**
New Number: 0222 424. A survey of Russia from the beginning to the 1905 revolution; the emergence of Moscow; The time of troubles; the Romanov dynasty, reforms of Peter the Great; the era of Catherine and Alexander I; reform and autocracy in the 19th century.

Hist 386 **History of Russia II** **3 sem. hrs.**
New Number: 0222 426. From 1905 to the present. The Revolution of 1905 and 1917; The establishment of the Soviet Union; variations in foreign and domestic policy between the two world wars; Postwar Soviet imperialism. Theoretical aspects of communism.

Hist 388 **History of Modern Germany I (1648-1871)** **3 sem. hrs.**
New Number: 0222 434. Germany after Westphalia; Rise of Prussia, Austria, Frederick the Great, Joseph II, Impact of the French Revolution, war of liberation, reaction and revolution, road to unification.

Hist 389 **History of Modern Germany II (1871-1955)** **3 sem. hrs.**
New Number: 0222 436. Bismarkian Germany, Pre-war diplomacy. World War I. Revolution. German social democracy. Weimar Republic, Nazism. Hitler's foreign policy. World War II. Cold war. Resumption of sovereignty.

Hist 390 **History of China I** **3 sem. hrs.**
New Number: 0222 440. Emphasis on the foundation and development of the great tradition of China. Shang and Chou cultures — emergence of the golden age of Chinese thought, The first Chinese empires — the Ch'in and the Han — the barbarian challenge. The golden age of the T'ang, and Jung. The Mongol Empire and the Ming.

Hist 391 **History of China II** **3 sem. hrs.**
New Number: 0222 441. The modern transformation of China. The Ching Dynasty 1644-1911. The coming of the Europeans. T'ai-p'ing rebellion. Treaty settlement and foreign encroachments and European imperialism. The rise of the Chinese Republic-struggle between the Kuo-mintang and the communists and the emergence of Red China on the world scene.

Hist 392 **History of Japan I** **3 sem. hrs.**
New Number: 0222 444. Pre-Buddhistic Japan of the Jomon and Yayoi Eras. Nara. Kyoto, the golden age of Heian. Rise of the Fujiwaras. Emergence of the Samurai-Kamakura Era. Ashikaga Shogunate. Arrival of the west. Stress is given to the religious, political, and cultural life of Japan.

Hist 393 **History of Japan II** **3 sem. hrs.**
New Number: 0222 446. Unification under the Tokugawa Shogunate; seclusion; intensive development problems. Japan on the eve of Perry's visit. Result of the Meiji restoration of 1869. Modern eras of Meiji, Taishō and Shōwa. Religious, political and cultural life of Japan is seen in its continuity and reaction to western influence.

Hist 399 **Historiography** **3 sem. hrs.**
New Number: 0222 400. Various concepts of history. Survey of the contributions of the great historians. Required of all history majors.

Hist 400 **Directed Reading Course** **3 sem. hrs.**
New Number: 0222 493.

Hist 410 **Independent Research Project** **3 sem. hrs.**
New Number: 0222 495.

LEGAL STUDIES (0307)

LgSt 200-201 **Business Law I & II** **3-3 sem. hrs.**
Application of law to business transactions; fundamental ideas of law in general; business forms; contracts; agency; negotiable instruments; banking law; sales; personal property; partnerships and corporations; mortgages; real property; insurance; suretyship; and bankruptcy.

LgSt 210 **Law for Public Administrators I** **3 sem. hrs.**
Application of basic contract and tort law to relevant issues in the public sector; power of administrative agencies; environmental issues; consumerism; and constitutional issues of importance to the functioning of the public sector.

LgSt 211 **Law for Public Administrators II** **3 sem. hrs.**
Prerequisite: LgSt 210. Attention is focused on specific legislation and jurisprudence which affects the operation of the public sector. Consideration is given the Civil Rights Act, Occupational Safety and Health Administration Act, Right to Privacy Act, Hatch Act, and Federal Tort Claims Act, among others.

LgSt 300 **International Law** **3 sem. hrs.**
Prerequisite: LgSt 200. Survey of domestic and foreign law as it relates to international business operations.

MANAGEMENT (0305)

Mgt 100 **Introduction to Business** **3 sem. hrs.**
The prime purpose of this course is to introduce to students the nature of business and its complexities in the context of the environment in which it operates. Additionally, the course strives to provide persons with a business vocabulary, a comprehension of

capitalism and the free enterprise system with stress upon the social and environmental responsibilities generated by the system. There is also emphasis upon the nature of decision-making by managers and entrepreneurs confronted by risk and uncertainly compounded by society's increasing demand that they act in an ethical and socially oriented manner.

Mgt 105 **Behavioral Sciences** **3 sem. hrs.**
This course is designed to familiarize the student of business administration with the fundamental principles and practices of the behavioral sciences. Emphasis is placed on the growth and development in psychology, sociology, and cultural anthropology and their increased application to the study of human behavior in working environments in business, industrial, military, and governmental settings. This course is related to advanced courses in advertising psychology, marketing research, and marketing psychology.

Mgt 300 **Principles of Management** **3 sem. hrs.**
Formerly: Mgt 305. Basic principles and concepts of management as they are applied in the functions of planning, organizing, leading, and controlling the business enterprise. In addition to the functional aspects of management, the personal and behavioral characteristics of managers as well as analytical techniques available to them are introduced.

Mgt 305 **Labor Relations** **3 sem. hrs.**
Formerly: Mgt 341. A study of the history and development of organized labor; organization, election, and certification procedures; the background and techniques of collective bargaining; the nature of the contract; mediation and arbitration; union security and management rights; job rights and due process; roadblocks to union-management cooperation; and collective bargaining and the public sector. May not get credit for both Mgt 305 and Mgt 335. Prerequisites: Econ 200, 201; Mgt 105, 300.

Mgt 310 **Human Resource Management** **3 sem. hrs.**
Formerly: Mgt 334. This course analyzes the human problems of management. Such topics as job analysis, manpower planning, recruitment, selection, training and development, performance appraisal, wage and salary administration, incentive systems, and benefits and services will be studied. The organization and functions of a personnel department are discussed. Special emphasis is given to relevant significant issues affecting personnel: current laws, EEOC, career development, and affirmative action programs. May not get credit for both Mgt 310 and Mgt 340. Prerequisites: Mgt 105, Mgt 300.

Mgt 315 **Management for International Business** **3 sem. hrs.**
Formerly: Mgt. 340. This course will consider the special problems that confront the firm engaged in international operations. Topics include compensation, differentials, cultural and social differences as they impinge on managerial decisions and problems in communications and information flow. Prerequisites: Mgt 105, Mgt 300.

Mgt 320 **Psychology in Management** **3 sem. hrs.**
Formerly: Mgt 362. The purpose of this course is to bring to the student the theories, experiments, and problem solving efforts of the psychologist and the behavioral scientist in the area of administrative action. Such topics as cognitive dissonance, reinforcement theory, need achievement, leadership and attitude change, and the personality of the leader will be studied and analyzed. These

principles will be applied to common situations and problems in business, government, public service, and other relevant situations. Prerequisites: Mgt 105 or Psyc 101; Mgt. 300.

Mgt 325 **Production Management** **3 sem. hrs.**
Formerly: Mgt 338. The intent of this course is to introduce the student to the problems and practices of manufacturing enterprises. Primary emphasis is given to the interrelationships of the human and technical aspects and particularly the roles workers and managers have in a technically dynamic society. Special topics such as job design, maintenance, facilities design, production process, planning and control, production design, work measurement, logistics, statistical quality control are woven into a background of courses in accounting, economics, statistics, finance, ethics, and marketing. The course emphasizes the complexities of the alternatives facing managers who must determine the allocation of resources available to them for efficient production of items needed and desired by a changing society. Prerequisites: Econ 200; DecSc 201; Mgt 300.

Mgt 330 **Organization Theory and Behavior** **3 sem. hrs.**
Formerly: Mgt 355. The course will explore, at an advanced level, a number of organizational concepts, theories, methods, and techniques related to various aspects of organizational functioning. Some attention will be given to methods of application. Course content will include topics such as job enrichment, conflict resolution, organizational problem analysis, organizational change techniques, methods of research, etc. Prerequisites: Mgt 105 or Psyc 101; Mgt 300 (or permission of the instructor).

Mgt 335 **Government Labor Relations** **3 sem. hrs.**
The course focuses on employer-employee conduct within the framework of public employment. Topics include relationships with organized and unorganized employees; the negotiation and administration of collective bargaining agreements, dispute settlement, third party involvement, regulation of collective bargaining agents and employee comunications. May not get credit for both Mgt 335 and Mgt 305. Prerequisites: Mgt 105, 300; Econ 200-201.

Mgt 340 **Personnel Administration in the Public Sector** **3 sem. hrs.**
Formerly: Mgt 336. This course introduces the student to techniques currently in use in the public sector concerning the management of human resources. Topics include job analysis, personnel planning, recruitment, selection, training, development, administration of compensation and benefits, performance appraisal, job evaluation, job enrichment and the control of performance. May not get credit for both Mgt 340 and Mgt 310. Prerequisites: Econ 200, 201; Mgt 105, 300, 335 (Mgt 335 may be taken concurrently).

Mgt 350 **Theory and Practice of Public Management** **3 sem. hrs.**
Formerly: Mgt 343. A management course focused on the unique nature of running a bureaucracy under the constraints of civil service and short term top management. Line, staff, and committee-type agencies will be examined. Stress will be laid upon points of interaction between various government agencies and levels of the city government. The impact of judicial law, regulatory law, and agency rules will be viewed as they effect a large service organization. Prerequisites: Mgt 105; Mgt 300.

Mgt 430 **Seminar in Public Administration** **3 sem. hrs.**
Formerly: Mgt 344. This course is an integrative course. It is designed to develop skills in identifying problems in the public sector, analyzing them, devising practical solutions to these problems and the oral and written communication thereof. It draws upon the entire range of the students academic background and practical experience. Prerequisite: Senior standing.

Mgt 440 **Small Business Institute** **3 sem. hrs.**
Formerly: Mgt 351. Students under the supervision of a faculty member act as consultants to small businesses with serious problems. This course is co-sponsored by the Small Business Administration. Prerequisite: Senior standing.

Mgt 445 **Business Policy** **3 sem. hrs.**
Formerly: Mgt 345. Designed to develop skill in a) identifying problems, b) analyzing them, c) devising realistic solutions to the problems, and d) making oral and written presentations of investigations and decisions reached. Taught by case method, covering a wide range of situations, usually involving more than one functional area of the business. Typical problems relate to goals, organization control systems, leadership, products and markets, finance, etc. Students are expected to have a good grounding in management principles as well as other functional areas such as finance, marketing, accounting, etc. Prerequisite: Senior standing.

Mgt 493 **Special Topics in Management** **3 sem. hrs.**
Formerly: Mgt 350. The course will be offered at various times to provide an opportunity for students and faculty members to explore management topics of interest at an advanced level. Special topics are as follows: evolution of management thought; energy management; planning, programming, and budgeting of public systems; systems management; management of change; small business management. Prerequisite: Mgt 300.

Mgt 499 **Individual Studies in Management** **3 sem. hrs.**
Formerly: Mgt 398. Individual study, research, or problem solving in management may be undertaken with the approval of the faculty. Admission by permission of instructor.

MARKETING (0306)

Mkt 300 **Basic Marketing** **3 sem. hrs.**
Formerly Mkt 305. This basic course acquaints the student with the nature and scope of modern marketing management. It outlines the areas in which decisions are made in developing and implementing marketing activities at all levels of production and distribution. Prerequisite: Econ 200.

Mkt 305 **Consumer Behavior** **3 sem. hrs.**
Formerly: Mkt 311. A study of consumer behavior principles and the contributions to those principles from psychology, sociology, cultural anthropology, and economics. The course is intended to show how consumer behavior principles can and should be used by socially responsible public and private organizations to foster human progress. Prerequisites: Mgt 105 and Mkt 300.

Mkt 310 **Retailing Management** **3 sem. hrs.**
Formerly: Mkt 354. The study of the problems and current practices of major types of retailing organizations in the management of their activities. Prerequisites: Mkt 305, 312 (or permission of the instructor).

Mkt 315 **Marketing Channels** **3 sem. hrs.**
Formerly: Mkt 356. A comparative analysis of marketing institutions and practices with discussion of their ethical, social, economic, and legal implications. Topics include current practices in wholesaling, retailing, franchising, cooperatives, vertical integration, and channel control and conflict. Prerequisite: Mkt 300.

Mkt 320 **Sales Force Management** **3 sem. hrs.**
Formerly: Mkt 362. Analysis of the nature and role of field sales operations as an arm of promotional strategy; investigation of the personal contactual function and its management, the scope of its unique problems,and use of decision-making tools and methods for solution. Prerequisite: Mkt 300.

Mkt 325 **Advertising** **3 sem. hrs.**
Formerly: Mkt 364. The study of advertising from a comprehensive perspective: cultural and historical; conceptual and functional, economic and social. Examines the advertiser, the agency, the media and their functions as matched with consumer behavior. Includes evaluation of advertising, advertising techniques andprograms, and current issues in advertising. Prerequisite: Permission of instructor.

Mkt 330 **International Marketing** **3 sem. hrs.**
Formerly: Mkt 372. Introduces students to some of the basic principles of marketing management examined in the multinational business environment. Case studies and practical problem solving are emphasized. Prerequisite: Mkt 300.

Mkt 400 **Marketing Research** **3 sem. hrs.**
Formerly: Mkt 310. Analysis of marketing problems; basic research designs. Included in the topics are: basic data collection methods, formulation of problems, sources of information, composition of data collection forms, design of samples, tabulation of data, analysis of data, and preparation of reports. Actual problems and cases are utilized. Application of marketing research is related to motivation, product, advertising, sales control, and other areas of marketing. Prerequisites: Mkt 300, Mkt 305; DecSc 201.

Mkt 405 **Business Logistics Management** **3 sem. hrs.**
Formerly Mkt 315. Analysis of the physical distribution-physical supply system that links buyers and sellers and the problems of coordinating and managing the system. Topics include system models, system simulation, system design, and location theory, inventory and materials management, transportation, and vendor analysis. Prerequisites: DecSc 201 and Mkt 300.

Mkt 450 **Advanced Marketing Strategy** **3 sem. hrs.**
Formerly: Mkt 376. Analysis of a wide variety of marketing problems. The case-situation method is employed, with emphasis on managerial problem-solving amid real world constraints; use of behavioral and quantitative techniques of analysis to support decision-making. Cases cover considerations with regard to products, channels, pricing, promotion and physical distribution, as well as noncommercial marketing situations. Prerequisites: Mkt 400, senior standing or permission of instructor.

Mkt 490 **Special Topics in Marketing** **3 sem. hrs.**
Formerly: Mkt 350. Mutual student-faculty examination of special and/or advanced topics in marketing: e.g., noncommercial marketing, social marketing, entrepreneurial marketing, consumerism, etc. May be offered based on either faculty or student origination. Prerequisite: Mkt 300.

Mkt 499 **Individual Studies in Marketing** **3 sem. hrs.**
Formerly: Mkt 398. Specific and substantive projects undertaken by the student majoring in marketing involving separate study, research, problem solving, etc. Admission by permission of instructor.

MATHEMATICS

Math 113-114 **Foundation Mathematics for Elementary School Teachers** **3-3 sem. hrs.**
New Number: 0223 113-114. This course studies the foundation of the mathematics taught in elementary school with the philosophy that understanding mathematics is the first step in preparing to teach it. This course should be taken before the education course in methods.

Math 115-116 **Mathematics for Social Studies and Business Administration I and II** **3-3 sem. hrs.**
New Number: 0223 115-116. Offering a wide variety of topics tailored to the particular class, this course is designed to give the social science major and the business administration major an introduction to the necessary analytic and quantitative tools in mathematics. Topics include elementary matrix theory with applications to linear programming, life sciences models, introduction to probability and statistics and the fundamental ideas of differential and integral calculus.

Math 150 **Algebra and Trigonometry** **3 sem. hrs.**
New Number: 0223 118. This course is a preparation for those students who find themselves deficient in algebra and trigonometry and plan on taking calculus. The student will build up confidence in the ability to factor, do fundamental algebra, manipulate exponents, solve quadratics, use trigonometric functions, solve systems of linear equations.

Math 201 **Introductory Linear Algebra** **3 sem. hrs.**
New Number: 0223 200. Since linear algebra is used in virtually every field of mathematics, physical and social sciences and business, this course is designed to introduce the student to those concepts which will be considered basic in future course work. Topics of discussion are: vector spaces, determinants, matrices, linear transformations, and characteristic values.

Math 203 **Computational Matrix Algebra** **3 sem. hrs.**
New Number: 0223 203. With the growing use of high-speed electronic digital computers to solve large-scale algebraic systems it is becoming more and more important for the student to be exposed to such concepts as numerical methods, computer arithmetic, convergence of an algorithm, and efficiency of a computational method. It is the purpose of this course to include these ideas in the development of the theory of matrix algebra. Topics to be studied include matrix manipulation, computation of determinants, solu-

tions of simultaneous equations with convergence considerations, Gaussian elimination and computer arithmetic, introduction to linear programming and eigenvalue problems.

Math 204 Discrete Mathematical Structures 3 sem. hrs.

New Number: 0223 204. This course is designed to bridge the gap between infinitesimal calculus and the world of sets, relations, digraphs, lattices, logic and the like. Topics of discussion include algebraic flow chart language, syntax and semantics, isomorphisms and invariants, directed graphs, finite state machines, boolean algebras, permutation and cyclic groups, polish expressions, stacks and queues, well-formed formulas, turing machines. Prerequisite: Math 203.

Math 241-242 Introductory Probability and Statistics 3-3 sem. hrs.

New Number: 0223 241-242. This course is designed as an introduction for applications in the fields of business administration, social sciences, and education. Emphasis is placed on technical skills and interpretation of results with enough basic theory for good understanding. The student will study describing sets of measurements; discrete probabilities; normal distribution; Statistical Inference; X^2, F, and t distributions; decision making under uncertainty; quality control; linear regression; analysis of variance; and forecasting models.

Math 257-258 Calculus I and II 3-3 sem. hrs.

New Number: 0223 257-258. This beginning course serves as introduction to the calculus of one variable and analytic geometry. The student will learn the fundamental concepts of limits and their use in the development of the differential and integral calculus. Applications will be made to finding maximum and minimum values of functions and to finding areas and volumes. Prerequisite: Four years of high school mathematics or consent of the department chairperson.

Math 259 Calculus III 3 sem. hrs.

New Number: 0223 259. This course is the calculus of several variables and vector analyses. Topics include differentiation of vector valued functions, extreme values, La Grange multipliers, multiple integration, line and surface integrals and an introduction to vector fields. Prerequisites: Math 201 and Math 258.

Math 260 Intermediate Calculus 3 sem. hrs.

New Number: 0223 310. Beginning with infinite series, this course will proceed with the fundamental methods of solving elementary differential equations. Techniques used will include exact solutions, series solutions, numerical solutions, solutions by means of Laplace transforms and solution of systems of differntial equations. Prerequisites: Math 201 and Math 258.

Math 292 Freshman Seminar 1 sem. hr.

New Number: 0223 119. Designed for freshman mathematics majors to establish early in their curriculum the seeking of knowledge outside the confines of a particular course.

Math 311 Theory of Sets 3 sem. hrs.

New Number: 0223 335. A study of infinite sets and the associated arithmetic of transfinite cardinal and ordinal numbers. Prerequisite: Math 212.

Math 320 **History of Mathematics** **3 sem. hrs.**
New Number: 0223 355. This course presents mathematics as a major cultural force in western civilization. The influence of mathematics in shaping and determining life and thought will be discussed. The student will also see how various cultures influenced the evolution of mathematical thought. The course will study the contributions of some of the great mathematicians and scholars as well as the Renaissance painters who influence greatly the development of perspective.

Math 321 **Linear Algebra** **3 sem. hrs.**
New Number: 0223 320. This second course introduces or expands topics such as vector spaces, matrices, determinants, eigenvalues, linear functionals, bilinear forms; orthogonal, hermitian and unitary matrices; vector geometry and applications in various applied fields. Prerequisite: Math 201.

Math 323 **Theory of Numbers** **3 sem. hrs.**
New Number: 0223 330. This course will appeal to the mathematician and teacher including such topics as: divisibility, prime numbers, Euclidean algorithm, fundamental theorem of arithmetic, congruences, diophantine equations, and indices. This theory is fundamental in all branches of mathematics and plays a role in many mathematical games.

Math 325-326 **Abstract Algebra I and II** **3-3 sem. hrs.**
New Number: 0223 400-401. As a general survey course in the concepts of algebra, this course includes the study of number systems; elementary theory of groups; rings, integral domains, and fields; matrices over a field; elements of Galois theory and canonical forms. Prerequisite: Math 201.

Math 347 **Mathematical Probability** **3 sem. hrs.**
New Number: 0223 340. This course is an introduction to the mathematical theory of probability for students in mathematics, engineering, and the sciences (including: social sciences, life sciences, and management sciences), who have, had a one-year calculus sequence. The student will study combinatorial analysis, axioms of probability, discrete and continuous random variables, expectation, multivariate probability distributions, functions of random variables, and basic limit theorems. Prerequisite: Math 258.

Math 348 **Statistical Theory and Methods** **3 sem. hrs.**
New Number: 0223 341. Using the theory of probability as a tool, this course makes clear the objective of statistics is to make an inference about a population based on information contained in a sample. Topics include estimation, hypotheses testing, linear models and estimation by least squares, design of experiment, analysis of variance, analysis of enumerative data, and nonparametric statistics. Prerequisite: Math 347.

Math 352 **Differential Equations** **3 sem. hrs.**
New Number: 0223 350. While expanding on the knowledge obtained from Math 260, this course also treats partial differentiation and space geometry, origins of partial differential equations, linear and nonlinear equations of the first order, Fourier series, and linear equations of the second and higher orders. Prerequisite: Math 260.

Math 361-362 Advanced Calculus **3-3 sem. hrs.**

New Number: 0223 410-411. A deeper look is taken at many fundamental concepts of analysis with special attention to linear methods as applied to the calculus of several variables. The topics treated include extrema, Jacobians, uniform continuity, line and surface integrals, differentials, integration theory; Taylor, power and Fourier series. Prerequisites: Math 201, 260.

Math 363 Complex Variables **3 sem. hrs.**

New Number: 0223 415. The student's investigation will include analytic functions, Cauchy's integration theory, series representation, conformal mapping, analytic continuation and the Schwarz-Christoffel Transformation. Prerequisite: Math 259, 260.

Math 366 Real Analysis **3 sem. hrs.**

New Number: 0223 420. This advanced course in analysis will lead the student on to more exotic investigations of real functions through theorems credited to Cantor, Bolzano, Wiestrass, Borel and others. Uniform convergence, covering sets, almost continuous functions, Lebesque integrals will be among the included topics. Requisite: Math 259, 260.

Math 369 Linear Programming **3 sem. hrs.**

New Number: 0223 315. An introductory course in linear programming using elementary matrix algebra and the theory of convex polygons. Applications to managerial problems, operations research, economic behavior, the theory of games, and military strategy are considered. Prerequisites: Math 201 or 203 and CmpSc 162 or 172.

Math 371 General Topology **3 sem. hrs.**

New Number: 0223 425. The emerging mathematician will acquaint himself with basic concepts from the topics of topological spaces. Hausdorff spaces, connectedness, metric spaces, continuous mappings, separability, compactness and product spaces. Requisite: Math 259, 260.

Math 373 Nonlinear Optimization **3 sem. hrs.**

New Number: 0223 325. An introduction to the application and theory of nonlinear optimization problems. The primary topics include classical optimization based on calculus, approximation techniques, separable programming, quadratic programming, gradient methods, and dynamic programming. Prerequisites: Math 258 and CmpSc 162 or 172.

Math 381-382 Applied Mathematics I and II **3-3 sem. hrs.**

New Number: 0223 430-431. A course designed to illustrate the application of mathematics to one or more fields by considering the aspects of model building and to further develop theory and techniques relevant to the needs of the field. The applications will normally be in the area of physical sciences, however, when sufficient interest exists sections oriented for other areas will be given. Topics covered will include partial differential equations, boundary value problems, eigen functions, analytic functions, Green's functions, perturbation techniques and approximation methods. Prerequisite: Math 260.

Math 391-392 Mathematics Seminar **1-1 sem. hrs.**
New Number: 0223 496. This is a student participation seminar. Topics from various branches of mathematics will be presented, discussed and argued by the students with the professor acting as a guide and stimulant. Topics for the semester will be selected before or during the first meeting. By invitation only.

Math 400 Special Projects in Geometry* **3 sem. hrs.**
New Number 0223 495.

Math 401 Special Projects in Algebra* **3 sem. hrs.**
New Number: 0223 495.

Math 402 Special Projects in Analysis* **3 sem. hrs.**
New Number: 0223 495.

Math 403 Special Projects in Probability and Statistics* **3 sem. hrs.**
New Number: 0223 495.

Math 404 Special Projects in Applied Mathematics* **3 sem. hrs.**
New Number: 0223 495.

MEDICAL TECHNOLOGY

MedT 101 Introductory Medical Technology **1 sem. hr.**
New Number: 0225 100. A course designed to instruct the student in the ethics of the profession, the care and use of laboratory equipment, and the principles and practice of medical technology.

MedT 102 Medical Parasitology Lecture **2 sem. hrs.**
New Number: 0225 105. An intensive study of medical protozoology and helminthology as related to blood, urine, and feces.

MedT 104 Medical Parasitology Laboratory **2 sem. hrs.**
New Number: 0225 106. Study and performance of concentration methods and staining procedures used in the laboratory for diagnosis of parasites in blood, urine, feces and tissues. An intensive microscopic study of morphology of protozoans, and helminths.

MedT 201 Hematology Lecture **2 sem. hrs.**
New Number: 0225 200. This course is a thorough study of blood and blood forming tissues. It considers the histology, physiology, and morphology of blood and those aspects which will throw light upon the disorders of blood.

MedT 203 Hematology Laboratory **2 sem. hrs.**
New Number: 0225 201. A laboratory course covering principles, techniques, and application of hematological procedures. It includes intensive microscopic study of the morphology of normal and abnormal blood cells, and the study of coagulation disorders.

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*The course is to be contracted by a student with a professor and the course title will denote the specific area of investigation within the general subheading. These courses will be considered as electives.

MedT 205 **Human Physiology Lecture/Lab** **3 sem. hrs.**
New Number: 0225 210. An intensive lecture, laboratory, plus demonstration course, relating to the mechanisms of homeostasis and basic human physiology to the detection of disease in the clinical laboratory. Prerequisite: BioSc 101-102.

MedT 215 **Instrumentation** **3 sem. hrs.**
New Number: 0225 220. The purposes of this course are to cover the principles of operation of laboratory instruments, to point out the accuracy and limitations of each instrument, to do the basic calculations involving quantitative analysis with each instrument, and to learn some of the simple troubleshooting and to make minor repairs and adjustments. In addition, basic principles of electricity and electrical components are covered.

MedT 301 **Medical Technology Seminar** **2 sem. hrs.**
New Number: 0225 300. This course is designed to correlate theory with practical applications to problems in the clinical laboratory and also to keep students aware of current development in laboratory procedures. A conference format with guest lectures and student participation is used.

MedT 302 **Medical Technology Seminar** **2 sem. hrs.**
New Number: 0225 301. A continuation of MedT 301. Prerequisite: MedT 301.

MedT 311 **Bioanalysis** **2 sem. hrs.**
New Number: 0225 310. This course is involved in the study of the basic chemistry, metabolic significance, and clinicopathologic correlations of carbohydrates, lipids, proteins, enzymes, and hormones. Basic material in blood gases and electrolyte studies is also included.

MedT 313 **Bioanalysis Laboratory** **2 sem. hrs.**
New Number: 0225 311. A course in the procedures and principles of chemical tests performed on blood and urine, and how they correlate in organ profile studies and clinical diagnosis. It includes an intensive physical, chemical, and microscopic examination of the urine as well as serum enzyme assays, gastric analysis, and those serum methods that can be performed with scientific kits.

MedT 321 **Pathogenic Microbiology Lecture** **3 sem. hrs.**
New Number: 0225 320. This course is designed to acquaint the students with disease processes caused by pathogenic microorganisms. The physiological, biological, and genetic properties of pathogens are discussed. Prerequisites: Organic chemistry and general microbiology.

MedT 323 **Pathogenic Microbiology Laboratory** **2 sem. hrs.**
New Number: 0225 321. This laboratory course covers the principles, techniques, methods, differential media, and reagents used in the identification of pathogenic organisms. MedT 321 must be taken concurrently. Prerequisites: Organic chemistry and general microbiology.

MedT 331 **Immunology Lecture** **2 sem. hrs.**
New Number: 0225 330. A course designed to provide basic understanding of the chemical, physical, and biological properties of antigens and antibodies, biological aspects of antibody formation and in "in vivo" and "in vitro" antigen antibody interactions.

MedT 333 Serology **2 sem. hrs.**
New Number: 0225 355. A laboratory course covering the principles and techniques of serological procedures utilized in the diagnostic problems in the laboratory. The course also includes the study of blood banking techniques.

MedT 430-490 Clinical Training **20 sem. hrs.**
New Number: 0225 400-430. These courses comprise the professional phase of the medical technology curriculum. They are taken in an affiliate hospital and extend over a period of 52 weeks. Each course is a combined didactic and laboratory experience in which instruction and tutelage are provided by pathologists, clinical scientists, and medical technologists certified by the American Society of Clinical Pathologists (ASCP). Credit hours are assigned to each course.

MedT 430 Clinical Microscopy **2 sem. hrs.**
New Number: 0225 400. Study of the physical, chemical, and microscopic examination of urines, semen, and gastric fluids.

MedT 440 Clinical Microbiology **4 sem. hrs.**
New Number: 0225 405. Study of pathogenic bacteria, fungi, and viruses with emphasis on isolation and identification of these disease causing agents. Included also is microbial sensitivity testing.

MedT 450 Clinical Hematology **4 sem. hrs.**
New Number: 0225 410. A study of the cellular elements of blood, diagnostic procedures in areas of coagulation, and specific chemical tests applicable to hematology. Included are the microscopic identification of normal and abnormal blood cells, the identification of factors involved in bleeding disorders, and detection of hemoglobinopathies.

MedT 460 Clinical Chemistry **4 sem. hrs.**
New Number: 0225 415. The qualitative and quantitative chemical analysis of blood, urine, cerebrospinal fluid and other body fluids. Included is a study of the utilization and maintenance of laboratory instruments.

MedT 470 Blood Banking **2 sem. hrs.**
New Number: 0225 420. Study of the selection, pretesting, and bleeding of donors; the processing of blood for transfusions; the screening for and identification of irregular antibodies; the principles of blood component therapy.

MedT 480 Clinical Serology **2 sem. hrs.**
New Number: 0225 425. A study of the immunological response of host to infectious diseases through the study and identification of antigens and antibodies with emphasis on the diagnostic value of antigen-antibody reactions. The principles and procedures of radioimmunoassay (RIA), gel diffusion and fluorescent techniques are included.

MedT 490 Parasitology **2 sem. hrs.**
New Number: 0225 430. A study of the classification and identification of parasites pathological to man. The modes of transmission and life cycles are included in the course.

MILITARY SCIENCE

MilSc 101 **Professional Officer Development** **2 sem. hrs.**
New Number: 0226 100. An introduction to the U.S. Army and ROTC with emphasis on the local ROTC program and career opportunities for ROTC graduates; understanding military procedures, rank structures, organization, customs, courtesies, and traditions; basic rules of discipline and the development of morale and espirit de corps; basic skills and the applications of rifle marksmanship (.22 caliber rifle).

MilSc 102 **Fundamentals of Leadership and National Defense** **2 sem. hrs.**
New Number: 0226 101. A study of the national defense structure; the political, economic, social, and military aspects of national security and defense; develop an understanding of leadership traits and principles through analysis of past military leaders, their characteristics and traits; development of leadership abilities through practical exercises to include an introduction to the service weapons.

MilSc 201 **Applied Leadership and Management** **3 sem. hrs.**
New Number: 0226 200. An introduction to and fundamentals of military writing, research, and instructions; develop an ability to communicate with others through exposure to role playing and group dynamics; emphasis on troop leading procedures and techniques of presenting clear, concise and complete solutions to military related problems; an introduction to the functions, duties, and responsibilities of a junior leader.

MilSc 202 **Decision-Making, Problem-Solving Techniques and Map Reading** **3 sem. hrs.**
New Number: 0226 201. An extension of MilSc 201 with emphasis on the skills and techniques of decision-making and problem-solving; the theory and dynamics of tactical operations; basic map reading skills including military geography and use of aerial photographs; an introduction to orienteering, the combination of land navigation and cross country running using a map and compass against time.

MilSc 301 **Advanced Leadership/Management I** **3 sem. hrs.**
New Number: 0226 300. Analysis of the leader's role in directing and coordinating the efforts of individuals and small military units in the execution of offensive and defensive tactical missions, to include military geography, weapons systems, communications systems, intelligence gathering capabilities, and the role of the various branches of the U.S. Army; presentation of select military subjects in preparation for advanced summer camp.

MilSc 302 **Advanced Leadership/Management II** **3 sem. hr**
New Number: 0226 301. A continuation of MilSc 301; case studies in leadership and management; delegation of authority and responsibility, span of control, planning, coordinating, and decision-making; emphasis on small unit tactics; applicatory work emphasizing the duties and responsibilities of junior leaders, including supervision of the use and maintenance of weapons; discussion of the military environment in garrison and in the field.

MilSc 351 **Theory and Dynamics of a Military Team** **3 sem. hrs.**
New Number: 0226 325. Enhance knowledge of the U.S. Army and to provide essentials to effectively perform as a commissioned officer; study of the military team, planning and coordination necessary between the elements of the military team, and combat operations with emphasis on logistical support; application of leadership principles, stressing responsibilities of the leaders, and affording experience through practical exercises; military staff procedures and functions.

MilSc 352 **Seminar in Leadership and Management** **3 sem. hrs.**
New Number: 0226 310. A continuation of MilSc 351; analysis of selected leadership and management problems involved in unit administration, military justice, and the Army Readiness Program; the position of the U.S. in the contemporary world scene discussed in the light of its impact on leadership and management problems of the military science; obligations and responsibilities of an officer on active duty; chain of command; and officer-enlisted relationships.

MilSc 355 **Leadership Laboratory** **0 sem. hrs.**
New Number: 0226 320. An extension of classroom work; affords the student the opportunity to apply military skills learned in the classroom in an outdoor environment; all cadets enrolled in Army ROTC will attend a weekly leadership laboratory considered essential to the development of leadership and management traits, skills, and principles.

MODERN FOREIGN LANGUAGES

Upper Division courses in French and Spanish are offered by other colleges in the New Orleans Consortium as part of the cooperative agreement among Loyola, St. Mary's Dominican College, and Xavier University. Listed below are the course prefix numbers for each language. This prefix plus the three digit number makes up the whole course number.

0227 French	0231 Russian
0228 German	0232 Spanish
0229 Italian	0250 Linguistics

MFL-Fr/Gr/It/Pt/Ru/Sp 101-102 **First Year College Language** **3-3 sem. hrs.**
New Number: prefix plus 100-101. The fundamentals of the language. Primary emphasis on structure, morphology, and vocabulary. Language laboratory work is recommended, but is voluntary. Outside readings.

MFL-Fr/Gr/Ru/Sp 201-202 **Second Year College Language** **3-3 sem. hrs.**
New Number: prefix plus 200-201. Review of structure, morphology, and vocabulary. Readings in the general cultural monuments of the language community. Work in the language laboratory is voluntary. Outside readings.

MLF-Gr/Ru 210 Scientific Language **3 sem. hrs.**

New Number: prefix plus 210. This course is designed to familiarize the student with the complexities of scientific discourse. Drill in the sentence structure of scientific literature. Readings in the development of scientific thought in the language community with emphasis on the present day.

MFL-Fr/Gr/Ru/Sp 301-302 Conversation and Composition **3-3 sem. hrs.**

New Number: prefix plus 300-301. First semester (301): Conversation and composition based on everyday topics. Review of structure, morphology, and vocabulary used in contemporary colloquial speech. Topics are studied and discussed in class. Written assignments are based on these topics. Intensive work. Student's grades are based upon class participation. Second semester (302): Conversation and composition based on cultural and literary topics. Intensive structural analysis of the language encountered in literary studies. Literary works, events and personages as well as cultural phenomena are studied and discussed in class. Written assignments are based on these topics. Student's grades are dependent on class participation.

MFL-Fr/Gr/Sp 310-311 Survey of Literature **3-3 sem. hrs.**

New Number: prefix plus 310-311. Study of the chief literary currents and the principal authors. Emphasis on the masterpieces of the literature of the language community.

MFL-Fr 303-304 Survey of French Literature **3 sem. hrs.**

New Number: 0227 310-311. A study of French literature and literary movements from La Chancon de Roland to the present.

MFL-Fr 307 French Phonetics **3 sem. hrs.**

New Number: 0227 320. Thorough grounding in phonetics and intensive practice of French pronunciation.

MFL-Sp 311-312 Survey of Spanish Literature **3-3 sem. hrs.**

New Number: 0232 310-311. First semester: *The Poem of the Cid* to 1650. Second semester: Romanticism to the present.

MFL-Sp 313-314 Survey of Spanish American Literature **3-3 sem. hrs.**

New Number: 0232 320-321. First semester: The Maya *Popol Vuh* and Cortes through the colonial period. Second semester: Romanticism to the present.

MFL-Gr/Ru Literary Movements

Study of the principal literary movements within the language community. Representative works will be read and compared.

GERMAN (0228)

New Number: above prefix plus number in parentheses. (350) (351) (352) (353)

350	Middle Ages and Renaissance	3 sem. hrs.
351	Baroque and Enlightenment (17th and 18th century)	3 sem. hrs.
352	Classicism	3 sem. hrs.
353	Romanticism, Realism, Naturalism (19th century)	3 sem. hrs.
354	Currents in the 20th century.	3 sem. hrs.

RUSSIAN (0231)
New Number: above prefix plus number in parentheses. (350) (351) (352) (353)

351	19th Century Russian Literature I	3 sem. hrs.
352	19th Century Russian Literature II	3 sem. hrs.
353	Russian Literature from Chekhov to the Revolution	3 sem. hrs.
354	20th Century Russian Literature	3 sem. hrs.

MFL-Gr/Ru 370-371 Linguistics **3-3 sem. hrs.**
Study the basic methodology and general rules of the science of language.
German 370-371 (New Number: 0228 400-401) Germanic philology.
Russian 370-371 (New Number: 0231 370-371) Slavic philology

MFL 375 Theory of Language **3 sem. hrs.**
New Number: 0250 300. Study of the theories of the origin and the nature of language.

MFL-Gr/Ru 380-381 Special Problems
New Number: prefix plus 493. This course is designed to cover those significant elements in the general cultural and literary development of a language community which have not been treated elsewhere.
For example:

MFL-Gr 380 Intellectuals (Their Role in Society; Case: Weimar Republic) **3 sem. hrs.**
New Number: 0228 410. The role of the intellectual in society in Germany of 1918-1933. Why did the Germans reject the ideas of liberal democracy and of Marxism in favor of the ideology of Nazism?

MFL-Ru 380-381 Russian Culture and Civilization **3-3 sem. hrs.**
New Number: 0231 410-411. A team taught course dealing with every aspect of Russian culture and civilization, such as art, history, religion, politics, music, literature, science, journalism, and architecture. Each subject is taught by the expert in the field. Dance Workshop: Prerequisite: permission of instructor. Ballet and folk dancing performed in connection with the culture and civilization course. Students may register in 380-381 only six credits. Dance workshop only two credits, or both 380-381 and the workshop for eight credits.

MFL-Gr/It/Pt/Ru 390-391 Independent Study **3-3 sem. hrs.**
New Number: prefix plus 390-391. The student reads selected works on his own and meets informally with the instructor to discuss his progress. Semester paper in the language of the works studied. Prerequisite: permission of instructor.

MFL 392 Linguistics **3 sem. hrs.**
New Number: 0250 310. This course is designed to cover the significant elements of general linguistics. Prerequisite: permission of instructor.

MFL 394-395 Senior Research Paper **1-2 sem. hrs.**
New Number: prefix plus 498.

MFL 396-397-398 Internship **1 to 3 sem. hrs. each.**
New Number: prefix plus 497. Credit is for volunteer work in the community in which the student uses his target language. The student must present to the department a weekly written report and a term paper in the target language.

MUSIC

MUSIC EDUCATION (0401)

MuEd 110-111 String Class **1-1 sem. hr.**
Formerly Mus 161-162. Study of techniques leading toward basic performance competence and pedagogy of string instruments.

MuEd 210-211 Brass and Percussion Class I-II **2-2 sem. hrs.**
Formerly Mus 261-262. Study of techniques leading toward basic performance competence and pedagogy of brass and percussion instruments.

MuEd 306 Instrumental Music Education Methods **3 sem. hrs.**
Formerly Educ 351A. The organization and management of secondary school instrumental music ensembles; rehearsal and performance procedure.

MuEd 307 Choral Music Education Methods **2 sem. hrs.**
Formerly Educ 351B. The teaching of choral music. Emphasis on management of performing ensembles; materials, teaching techniques and literature.

MuEd 308 General Music Education Methods **2 sem. hrs.**
Formerly Educ 351C. Teaching music to the general student body in elementary and secondary schools.

MuEd 309 Teaching Music in Secondary Schools **3 sem. hrs.**
Formerly Educ 364. The psychology of learning and teaching music; the nature and testing of musical aptitude and ability; philosophy in music education.

MuEd 310-311 Woodwind Class I-II **2-2 sem. hrs.**
Formerly Educ 361-362. Study of techniques leading to basic performance competence and pedagogy of woodwind instruments.

MuEd 400 Student Teaching **6 sem. hrs.**
Formerly Educ 350. Full semester experience in secondary and/or elementary instruction under the direct guidance of music teachers and supervisors certified in the student's primary teaching area.

MUSIC THERAPY (0402)

MuTy 116 Music Therapy I **2 sem. hrs.**
Formerly Mus 151. A survey of music therapy, its history, basic concepts, and areas of clinical practice. A general information course open to all students.

MuTy 216 Music Therapy II **4 sem. hrs.**
Formerly Mus 253A. History; terminology; music therapy — rehabilitation with children and adults; practicum. Professional ethics.

MuTy 316 **Music Therapy III** **4 sem. hrs.**
Formerly Mus 353A. Terminology, evaluative tests, music therapy and behavior modification studies in mental retardation; Orff, Kodaly, eurhythmics; synthesis and practicum. Movement activities for handicapped children.

MuTy 400 **Music Therapy IV** **1 or 12 sem. hrs.**
Formerly Mus 465. Clinical training.

MuTy 416 **Music Therapy V** **4 sem. hrs.**
Formerly Mus 453A. Physiological and affective response to music, musical preferences and abilities; synthesis. Accountability and evaluation procedures in music therapy.

MUSIC THEORY (0403)

MuTh 100 **Elements of Music Theory** **3 sem. hrs.**
Formerly Mus 011-012. Pitch and rhythmic notation, intervals, rhythmic and melodic music reading and dictation. This course or equivalent knowledge is prerequisite to *Theory I.*

MuTh 102 **Theory I** **4 sem. hrs.**
Formerly Mus 111. Prerequisite: Some theory fundamentals and skills. Theory fundamentals, tonality, melodic organization, basic harmonic and non-harmonic processes. Aural perceptive training is continuous.

MuTh 103 **Theory II** **4 sem. hrs.**
Formerly Mus 112. Prerequisite: *Theory I.* Seventh chords, modulation, secondary dominant chords, basic forms. Aural perceptive training is continuous.

MuTh 202 **Theory III** **4 sem. hrs.**
Formerly Mus 211. Prerequisite: *Theory II.* Review of secondary dominants; borrowed chords and other chromatic formations: Neapolitan and augmented sixth chords, added-note sonorities, neo-tonality. Aural perceptive training is continuous.

MuTh 203 **Theory IV** **4 sem. hrs.**
Formerly Mus 212. Prerequisite: *Theory III.* Melodic, harmonic and formal analysis of standard repertoire with the purpose of solidification of all traditional theoretical concepts. Aural perceptive training is continuous.

MuTh 210-211 **Composition Essentials I-II** **2-2 sem. hrs.**
Formerly Mus 213-214. Original writing using tonal and rhythmic materials assigned by the instructor. Recital-level pieces are required.

MuTh 302 **Counterpoint I** **2 sem. hrs.**
Formerly Mus 311. Analysis and writing in the style of the vocal music of the late Renaissance.

MuTh 303 **Counterpoint II** **2 sem. hrs.**
Formerly Mus 312. Analysis and writing in the contrapuntal style of the late Baroque era.

MuTh 304 **Jazz Counterpoint** **2 sem. hrs.**
Formerly Mus 311-312J. Contrapuntal procedures in jazz styles.

MuTh 306 Orchestration I **2 sem. hrs.**
Formerly Mus 315. Prerequisite: *Theory III.*A study of the capabilities and limitations of the orchestral string, wind, and percussion instruments; scoring for choirs of these instrumental families.

MuTh 307 Orchestration II **2 sem. hrs.**
Formerly Mus 316. Prerequisite: *Orchestration I.* The history of orchestration procedures from the mid-Baroque era to the present. The relationship of orchestration to formal processes and musical aesthetics will be emphasized.

MuTh 309 Modern Arranging **2 sem. hrs.**
Formerly Mus 316J. Creative scoring for the modern jazz, dance, radio, recording and television orchestras.

MuTh 310-311 Composition III-IV **2-2 sem. hrs.**
Formerly Mus 313-314. Continuation of *Composition Essentials II.*

MuTh 402 Form and Analysis I **2 sem. hrs.**
Formerly Mus 411. Prerequisite: *Theory IV.* Formal and harmonic analysis of music from Wagner to the 20th century neo-tonal composers.

MuTh 403 Form and Analysis II **2 sem. hrs.**
Formerly Mus 412. Prerequisite: *Theory IV.* A study of mid-20th century music and its theoretical background.

MuTh 410-411 Composition V-VI **2-2 sem. hrs.**
Formerly Mus 413-414. Continuation of *Composition IV.*

MUSIC GENERAL (0404)

MuGn 100 Italian Diction **1 sem. hr.**
Formerly Mus 103.

MuGn 101 Italian Vocal Repertoire **0 sem. hr.**
Formerly Mus 106. Early English and Italian repertoire; taken concurrently with voice.

MuGn 111 Basic Ballet **1 sem. hr.**
Formerly Mus 120. Fundamental techniques; exercises and steps. Creditable twice.

MuGn 140-141 Music as Value I-II **3-3 sem. hrs.**
Formerly Mus 140-141. For music majors only. A philosophical and theological overview and correlation of expression through various artistic media with emphasis upon music, both occidental and oriental. Fulfills three hours of philosophy and three hours of religious studies requirements.

MuGn 200 French Diction **1 sem. hrs.**
Formerly Mus 104.

MuGn 201 French Vocal Repertoire **0 sem. hrs.**
Formerly Mus 206. French repertoire; taken concurrently with voice.

MuGn 211 Intermediate Ballet **1 sem. hr.**
Formerly Mus 130. Continuation of *Basic Ballet.* Creditable twice.

MuGn 300 **German Diction** **1 sem. hr.**
Formerly Mus 105.

MuGn 301 **German Vocal Repertoire** **0 sem. hr.**
Formerly Mus 306. German repertoire; taken concurrently with voice.

MuGn 311 **Ballet Choreography Laboratory** **2 sem. hrs.**
Formerly Mus 240. Creation of dance forms; recital at the end of the semester. Creditable twice.

MuGn 406 **Psychology of Music I** **3 sem. hrs.**
Formerly Mus 452. Acoustics of music; anatomy of and theories on the aural perceptive process; the nature and psychology of the aesthetic experience; tests of musical talent.

MuGn 411 **Ballet Repertory** **2 sem. hrs.**
Formerly Mus 320. The study of dances from ballet and opera. Recital at the end of the semester.

MuGn 499 **Independent Study** **2 or 3 sem. hrs.**
No previous number.

MUSIC PERFORMANCE (0405)

MuPr 012 **Applied Fundamentals** **2 sem. hrs.**
Formerly Mus 025-026. Applied study designed for achieving freshman or upper division performance ability. Creditable twice.

MuPr 112 **Applied Study: Individual I** **2 or 3 sem. hrs.**
Formerly Mus 125-128. Music majors only. Concentrated study of voice or of string, woodwind, brass, percussion, or keyboard instruments. Creditable twice.

MuPr 113 **Recital Hour** **0 sem. hr.**
Formerly Mus 107-108. Required of all freshman music majors. Creditable twice.

MuPr 114-115 **Applied Study: Class I-II** **2-2 sem. hrs.**
Formerly Mus 121-124. Study of techniques leading toward basic performance competence in piano, voice, or guitar.

MuPr 117 **Major Ensemble** **1 sem. hr.**
Regular rehearsal in performance groups of varying sizes and constitutions. Creditable twice. Open to non-music majors.

MuPr 118 **Minor Ensemble** **1 sem. hr.**
See MuPr 117 for course description.

MuPr 119 **Chamber Ensemble** **1 sem. hr.**
See MuPr 117 for course description.

MuPr 212 **Applied Study: Individual II** **2 or 3 sem. hrs.**
Formerly Mus 225-228. Music majors only. Continuation of individual applied study. Creditable twice.

MuPr 213 **Recital Hour** **0 sem. hr.**
Formerly Mus 207-208. Required of all sophomore music majors. Creditable twice.

MuPr 214-215 Applied Study: Class III-IV **2-2 sem. hrs.**
Formerly Mus 221-222. Continuation of class applied study.

MuPr 308 Essentials of Conducting **2 sem. hrs.**
Formerly Mus 365. Basic conducting techniques: visual metric patterns, use of the baton, dynamic indications, cueing, rehearsal and performance organization; application.

MuPr 309 Instrumental Conducting **2 sem. hrs.**
Formerly Mus 366. Continuation of *Essentials of Conducting* with emphasis on standard band and orchestral literature, rehearsal procedures and historical styles.

MuPr 310 Junior Recital **0 sem. hr.**
Formerly Mus 310. A full- or half-recital required of all bachelor of music candidates except theory and composition and pedagogy majors.

MuPr 311 Choral Conducting **2 sem. hrs.**
Formerly Mus 368. Continuation of *Essentials of Conducting* with emphasis on choral literature, rehearsal procedures and historical styles.

MuPr 312 Applied Study: Individual III **2 or 3 sem. hrs.**
Formerly Mus 325-328. Music majors only. Continuation of individual applied study. Creditable twice.

MuPr 313 Recital Hour **0 sem. hr.**
Formerly Mus 307-308. Required of all junior music majors. Creditable twice.

MuPr 314 Applied Study: Class **1 sem. hr.**
Formerly Mus 323-324. Continuation of class applied study.

MuPr 317 Major Ensemble **1 sem. hr.**
Formerly Mus 387-398. See MuPr 117 for course description.

MuPr 318 Minor Ensemble **1 sem. hr.**
Formerly Mus 387-398. See MuPr 117 for course description.

MuPr 319 Chamber Ensemble **1 sem. hr.**
Formerly Mus 387-398. See MuPr 117 for course description.

MuPr 410 Senior Recital **0 sem. hr.**
Formerly Mus 410. A full individual recital required of all bachelor of music candidates.

MuPr 412 Applied Study: Individual IV **2 or 3 sem. hrs.**
Formerly Mus 425-428. Music majors only. Continuation of individual applied study. Creditable twice.

MuPr 413 Recital Hour **0 sem. hr.**
Formerly Mus 407-408. Required of all senior music majors. Creditable twice.

MuPr 414-415 Guitar Concepts I-II **1-1 sem. hr.**
Formerly Mus 423-424. Study of techniques leading to basic performance competence and pedagogy of guitar.

MuPr 417 Major Ensemble **1 sem. hr.**
Formerly Mus 487-498. See MuPr 117 for course description.

MuPr 418 Minor Ensemble **1 sem. hr.**
Formerly Mus 487-498. See MuPr 117 for course description.

MuPr 419 Chamber Ensemble **1 sem. hr.**
Formerly Mus 487-498. See MuPr 117 for course description.

JAZZ STUDIES (0406)

MuJz 106-107 Perspectives of Jazz I-II **1-1 sem. hr.**
Formerly Mus 115-116. The development of jazz: its contribution to and position in American culture.

MuJz 108-109 Improvisation I-II **1-1 sem. hr.**
Formerly Mus 117-118. The grammar of spontaneous musical creativity based upon melodic and harmonic structures.

MuJz 204 Evolution of Jazz Styles **2 sem. hrs.**
Formerly Mus 237. The origin and phases in the development of jazz.

MuJz 208-209 Improvisation III-IV **1-1 sem. hrs.**
Formerly Mus 217-218. Continuation of *Improvisation II.*

MuJz 308-309 Improvisation V-VI **1-1 sem. hr.**
Formerly Mus 317-318. Continuation of *Improvisation IV.*

MuJz 310-311 Jazz Seminar in Performance I-II **1-1 sem. hr.**
Formerly Mus 321-322. Performance of ensemble music; lecture and discussion concerning style and idea in functional music.

MuJz 408-409 Improvisation VII-VIII **1-1 sem. hr.**
Formerly Mus 417-418. Continuation of *Improvisation VI.*

MUSIC HISTORY AND LITERATURE (0407)

MuHL 205 Introduction to Music Literature **2 sem. hrs.**
Formerly Mus 238. The major eras of music since the Renaissance; primary music-listening skills: melody, form, texture, and timbre.

MuHL 304 Music History I **3 sem. hrs.**
Formerly Mus 337. Music of the Baroque and Classical eras.

MuHL 305 Music History II **3 sem. hrs.**
Formerly Mus 338. Music of the Romantic era.

MuHL 308-309 Piano Literature I-II **3-3 sem. hrs.**
Formerly Mus 341-342. Survey of standard keyboard literature from the Baroque era to the present.

MuHL 404 Pre-Baroque History **2 sem. hrs.**
Formerly Mus 437. Prerequisite: *Introduction to Music Literature.* Music history and literature from antiquity through the Renaissance.

MuHL 405 **Contemporary History** **2 sem. hrs.**
Formerly Mus 438. Prerequisite: *Introduction to Music Literature.* Music literature of the post-Romantic and contemporary eras.

MUSIC PEDAGOGY (0408)

MuPd 310 **Introduction to Piano Pedagogy** **3 sem. hrs.**
Formerly Mus 343. Instruction in private and class piano teaching; methods and materials.

MuPd 409 **String Pedagogy** **1 sem. hr.**
Formerly Mus 467. Analysis of teaching materials, didactic approaches and minor maintenance of string instruments.

MuPd 410-411 **Piano Pedagogy Techniques and Materials I-II** **2-2 sem. hrs.**
Formerly Mus 443-444. Prerequisite: *Introduction to Piano Pedagogy.* Pedagogical process in and supervised teaching of piano.

PHILOSOPHY

Phil 200 **Informal Logic** **3 sem. hrs.**
New Number: 0233 200. This course will attempt to improve the student's ability to read with understanding, to develop the student's skill in giving and analyzing arguments in particular, and to develop an attitude of reasonableness in general. Topics will include informal fallacies, basic Aristotelian logic, and a non-technical logic which can replace symbolic logic in argument analysis. Especially recommended for non-philosophy majors desiring a rigorous course in practical logic.

Phil 201 **Introduction to Logic** **3 sem. hrs.**
New Number: 0233 205. An introduction to the structure of arguments, critical thinking in general, and philosophical argument in particular; including a study of the propositional calculus and Aristotelian logic.

Phil 300 **Metaphysics** **3 sem. hrs.**
New Number: 0233 210. Achieving an explicit awareness of the most basic and all pervasive datum of human experience, viz., the real is real only because it is, we discover how we come to know that which is. A study of the intrinsically analogical character of beings and our correspondingly analogical knowledge of them; the "structure" of the beings of our experience according to their actual and potential composition on three different levels and finally an explanation of the genesis of beings as be-ing.

Phil 302 **Ethics** **3 sem. hrs.**
New Number: 0233 215. An attempt to acquaint the student with certain fundamental ethical problems by contrasting the solutions proposed by the philosophies most influential on the contemporary American scene: subjectivism, cultural relativism, situationism, hedonism, moral sense theory, pragmatism, naturalism, natural-law theory, psychoanalysis, existentialism.

Phil 305 **Philosophy of Science** **3 sem. hrs.**
New Number: 0233 300. A critical examination of the methods, presuppositions, and concepts of modern and contemporary science. Methods of experimental inquiry; laws, theories, and theoretical explanation, problems of inductive reasoning.

Phil 306 **Philosophy of Physical Nature** **3 sem. hrs.**
New Number: 0233 305. A systematic and historical survey of the major problems and concepts of cosmology. Special emphasis on relations, matter, motion, body, energy, space, time, and relativity.

Phil 307 **Epistemology** **3 sem. hrs.**
New Number: 0233 220. An historical and problematic approach to the problems of knowledge, with emphasis on various individual responses to key issues (perception, truth, meaning, universals, induction, a prior knowledge, etc.), on historical and contemporary trends which can be marked off in terms of certain general types of response to such issues, and on general philosophic, social and scientific contexts which provide the backdrop for such general modes of response.

Phil 309 **History of Ancient Philosophy** **3 sem. hrs.**
New Number: 0233 400. The influence of prerational mytho-poetic experience of primitive man on the beginnings of western rational thought. The Presocratics, Plato, Aristotle, the Epicureans, Sceptics, Stoics, Plotinus, and early Christian thought.

Phil 310 **Survey of Medieval Philosophy** **3 sem. hrs.**
New Number: 0233 405. An historical study of the main ideas of the Medieval period from St. Augustine to the Renaissance. Main figures treated: Auqustine, Boethius, Scotus Erigena, Abelard, Avicenna, Roger Bacon, Bonaventure, Aquinas, Duns Scotus, Ockham, and Master Eckhart.

Phil 311 **History of Modern European Philosophy** **3 sem. hrs.**
New Number: 0233 410. Readings from original works of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and Kant. Discussion.

Phil 312 **Contemporary Philosophy** **3 sem. hrs.**
New Number: 0233 415. Hegelian idealism, Marxism, Bergonism, Husserlian phenomenology, existential phenomenology; pragmatism (emphasizing John Dewey), logical atomism (G. E. Moore, Bertrand Russell), linguistic analysis (Wittgenstein, the Oxford Cambridge schools), logical empiricism (Carnap, and Ayer); American realisms; Whitehead, neo-realism (Perry) and critical realism (George Santayana).

Phil 313 **Philosophy of Art** **3 sem. hrs.**
New Number: 0233 310. An inductive study of aesthetic experience, leading to an analysis of the concept of beauty in nature, art in general, and each of the major arts. Reflections on art and life.

Phil 315 **Special Problems in Philosophy: Tutorial** **3 sem. hrs.**
New Number: 0233 499. Course content varies. Prerequisite: permission of chairman of Department or instructor.

Phil 316 **Philosophy of History** **3 sem. hrs.**
New Number: 0233 315. A consideration of the problems of knowledge in history, including the problems of the nature of history, historical truth, explanation, and objectivity. Also a consideration of some of the principal general theories of historical development.

Phil 318 **Social and Political Philosophy** **3 sem. hrs.**
New Number: 0233 320. An inquiry into the origin, nature, and necessity of political order. Problems to be treated will be: the relation of the individual to the social and political whole, the origin, nature, and just use of political authority, the nature of rights and duty, the problem of freedom, the philosophical prerequisites of a 'just' political order. Major works from Plato, Aristotle, Hobbes, Locke, Rousseau, Hegel, Marx, and Marcuse will be studied.

Phil 320 **Existentialism** **3 sem. hrs.**
New Number: 0233 435. A treatment of the characteristic existentialistic themes as exemplified in the writings of Kierkegard, Nietzsche, Heidegger, Jaspers, Marcel, and Sartre.

Phil 328 **Current Philosophy** **3 sem. hrs.**
New Number: 0233 420. A study of the chief lights of the analytical movement (both ordinary-language philosophy and logical positivism) and of the phenomenological movement. Main figures treated will be Russell, Moore, Austin, Ryle, Ayer, Husserl, Cassirer.

Phil 350 **American Philosophy** **3 sem. hrs.**
New Number: 0233 430. A study of the philosophies of Peirce, James, Dewey, Royce, Santayana, Mead, Lewis, and Whitehead, with emphasis on the emergence of classical American philosophy as a response to philosophic, social, and scientific developments, the general features which unify it, and the characteristics which mark off various movements within it. (Idealism, Pragmatism etc.)

Phil 352 **Phenomenology** **3 sem. hrs.**
New Number: 0233 440. This course will treat the problems which gave rise to contemporary phenomenology and some of the main figures in the different phases of phenomenology: Husserl, Scheler, Heidegger, Merleau-Ponty, Satre, and Ricoeur.

Phil 353 **American Idealism** **3 sem. hrs.**
New Number: 0233 445. An attempt to trace historically the tendency of American thinkers to assimilate religious and esthetic experience. The following philosophers will be treated: Edwards, Emerson, Peirce, James, Royce, Dewey, Santayana, and Whitehead.

Phil 354 **American Pragmatism** **3 sem. hrs.**
New Number: 0233 450. A study of the philosophies of Charles Peirce, William James, John Dewey, G. H. Mead, and C. I. Lewis, with emphasis on philosophical, social, scientific, and mathematical developments influential in the growth of pragmatism, the general structure of pragmatism as a philosophical system, and the individual differences within this common general structure.

Phil 355 **Modern Rationalism** **3 sem. hrs.**
New Number: 0233 425. A study of the modern rationalist endeavor in philosophy to give a systematic and exhaustive account of reality, or to establish the identity of rationality and reality. Major works of rationalists from the 17th to the early 19th century will be read: Descartes, Hobbes, Spinoza, Leibniz, Hegel.

Phil 356 **British Empiricism** **3 sem. hrs.**
New Number: 0233 460. A study of the major philosophical texts of the British empiricists, with particular emphasis on the works of Locke, Berkeley, and Hume.

Phil 357 **Philosophy of Language** **3 sem. hrs.**
New Number: 0233 325. An examination of the concept and phenomenon of language, the origin of language, the nature of symbols and myth, theories of meaning and the relationship of language to reality.

Phil 363 **Man and Knowledge** **3 sem. hrs.**
New Number: 0233 335. A value-oriented introductory approach to the main problems concerning man in general and human knowledge in particular, with much attention given to philosophical method. Recommended for seminarians.

Phil 364 **Being and God** **3 sem. hrs.**
New Number: 0233 340. A philosophical reflection on the questions of the existence of God, his nature and his relationship to the world in the light of a metaphysics of being. Includes readings pro and con on all important positions together with much serious discussion. Recommended for seminarians.

Phil 389 **The Philosophy of Death and Immortality** **3 sem. hrs.**
New Number: 0233 330. An historical survey of the thought of important philosophers on the problem and meaning of death and immortality. Principle authors to be studied: Plato, Aristotle, Averroes, Aquinas, Descartes, Hume, Kant, Schopenhauer, Nietzsche, Scheler, Whitehead, Heidegger, Rahner, Beros, and Maritain.

Phil 390 **Interdisciplinary Seminar** **3 sem. hrs.**
New Number: 0233 496. The relationship of philosophy to other academic disciplines. Course content varies.

Phil 398 **Seminar: Major Author** **3 sem. hrs.**
New Number: 0233 493. The seminar will consist in an in-depth analysis of the thought of a major philosopher. Course content varies. Prerequisite: permission of instructor.

Phil 495 **Position Paper Tutorial** **3 sem. hrs.**
New Number: 0233 495.

PHYSICS

Phys 100 **Seminar** **0-1 sem. hr.**
New Number: 0234 200. Regular meetings, obligatory for all physics majors. Topics covered in these meetings include: reports by students on individual projects, digest of published scientific literature, demonstrations of special equipment and techniques, reports on departmental activities.

Phys 105 **Physics of Communications** **3 sem. hrs.**
New Number: 0234 105. This course will present a descriptive, nonmathematical introduction to the basic physical principles underlying communication technology. The many properties of waves, (light, sound, and electromagnetic) and the part they play in various communication systems will be developed in detail. Demonstrations of the phenomena will be presented to help the student grasp the more difficult material and become familiar with some of the equipment used in the electronics industry.

Phys 107 Popular Electronics **3 sem. hrs.**

New Number: 0234 205. A course designed for anyone who would like to become familiar with the basic areas of electricity and electronics. Some of the topics covered will be circuits, transistors, oscillators, transducers, receivers, integrated circuits, optoelectronics and security systems. Prerequisite: one year of college mathematics.

Phys 111-112 Basic Physics **5-5 sem. hrs.**

New Number: 0234 110-111. A one year introductory course in physics organized about the great theories of physics: mechanics, thermodynamics, electromagnetism, and optics. It is intended for students whose major fields of concentration are chemistry, mathematics, or physics as well as for pre-engineering students. Three lectures, one laboratory, and one review session each week. Corequisite: Math 257-258.

Phys 172-173 Project Physics Course **3-3 sem. hrs.**

New Number: 0234 320-321. This is a unified lecture-laboratory course. Although the most distinctive feature of the course is the humanistic approach to the broad understanding of physics emphasizing its cultural, historical, and philosophical aspects, Project Physics' approach to the laboratory is also unique. Multi-media are used extensively in lecture and in the laboratory. Concepts may be learned through a variety of approaches: the film strip, the overhead projector, the super-8 film loops, the reader, paper and pencil problem solving, and a host of other

Phys 180-181 FCC Electronics **3-3 sem. hrs.**

New Number: 0234 210. A two semester course on the fundamentals of electronics for enabling communications students to understand the electronics equipment they customarily use and to prepare themselves for Federal Communications Commission examinations towards radiotelephone licenses. There are no prerequisites as the course begins with very fundamental aspects of electricity and Ohm's law and progresses through amplifier, transmitter, receiver, antenna, and micro wave theory and practice.

Phys 201-203 General Physics **4-4 sem. hrs.**

New Number: 0234 115-116. The principles of mechanics, heat, sound, light, magnetism, electricity, and fundamentals of atomic physics. In presenting these topics the special interests of the biological sciences and the general education groups are kept in view. Three lectures and one laboratory session each week. A knowledge of algebra and trigonometry is required.

Phys 220-221 Electromagnetic Theory and Wave Phenomena **3-3 sem. hrs.**

New Number: 0234 220. A detailed development and application of the laws of electromagnetism and an introduction to vector calculus. Application of Maxwell's equations are covered including plane waves, reflection and refraction, and radiation.

Phys 223-224 Introductory Electronics **3-3 sem. hrs.**

New Number: 0234 230-231. A two semester lecture-laboratory course treating circuit theory and the properties of electronic tube and solid state devices. Three lectures and one laboratory each week. Prerequisite: Phys 112, corequisite: Math 259.

Phys 228 **Quantum Topics** **3 sem. hrs.**
New Number: 0234 430. An introduction to the basic physical theories governing the atomic, nuclear and subnuclear domains, with emphasis on the computational solution of problems suitable to the second year level. Topics include: spacetime background; relativistic mass-energy-momentum; conservation laws and fundamental particles and fields; atomic, nuclear and subnuclear data; radioactive decay, fission and fusion; ideas of Planck, Einstein, Bohr, Schroedinger, and Heisenberg; scattering and barrier penetration; harmonic oscillator; one-electron atoms; Pauli exclusion principle; spin; many electrons; photons; stimulated emission and lasers.

Phys 240-241 **Special Projects** **1-1 sem. hr.**
New Number: 0234 498. Introduction to tools and skills useful to undergraduate physics and pre-engineering students. Includes elementary computer programming, glass blowing, use of shop tools (lathe, drill press, mill, etc.), low temperature techniques, and basic integrated circuit technology.

Phys 298 **Astronomy** **3 sem. hrs.**
New Number: 0234 240. A first survey course in astronomy. Special emphasis is placed on the historical (practical) aspects as well as the recent discoveries and theories.

Phys 340-341 **Special Projects** **1-1 sem. hr.**
New Number: 0234 495.

Phys 347 **Advanced Electronics** **3 sem. hrs.**
New Number: 0234 330. Topics and experiments covering the theory, design, and evaluation of selected circuits and systems with special emphasis on solid state circuitry. Two lectures and one laboratory session per week. Prerequisite: Phys 223-224.

Phys 350-351 **Theoretical Physics I** **3-3 sem. hrs.**
New Number: 0234 300-301. A unified lecture course covering the theoretical aspects of classical and modern physics. Topics especially emphasized include classical mechanics and special relativity. Corequisite: Math 381.

Phys 353 **Thermal Physics** **3 sem. hrs.**
New Number: 0234 410. An intermediate level single semester course starting with discussion and applications of the first and second laws of thermodynamics. An introduction to statistical mechanics is presented with applications of Boltzman, Fermi-Dirac, and Bose-Einstein distributions.

Phys 355 **Solid State Physics** **3 sem. hrs.**
New Number: 0234 420. An advanced level, single semester course stressing theory of solid state physics including statistics, classical and quantum, energy levels, metals, semi-conductors, electrical and magnetic effects in solid. Prerequisite: discretion of instructor.

Phys 360-361 **Advanced Theoretical Physics** **3-3 sem. hrs.**
New Number: 0234 400-401. A continuation of the theoretical physics sequence stressing quantum mechanics, and introductory general relativity. Three lectures each week. Prerequisite: Phys 350-1.

Phys 370-371-372 Advanced Physics Laboratory **2-2-2 sem. hrs.**
New Number: 0234 440-441-442. An advanced lab with minimum supervision with the objectives of training students to be self reliant and resourceful in planning and performing experiments not ordinarily performed at the elementary level. Research grade equipment is used and students may select their choice of experiments from one or more of the following disciplines; mechanics, optics, thermodynamics, acoustics, atomic physics, solid state physics, spectroscopy, and electronics. One laboratory session each week.

Phys 374-375-376 Research **2 to 3 sem. hrs. each**
New Number: 0234 498. Physics majors who have demonstrated exceptional promise in either theoretical or experimental physics will be allowed to concentrate in their speciality. This course may be taken during the summer as part of our undergraduate research participation program, or as part of the senior's academic year studies. Program and credit must be determined in each individual case.

Phys 380-381 Special Projects **1-1 sem. hr.**
New Number: 0234 495. Prerequisite: Phys 340-341.

POLITICAL SCIENCE

PolSc 101 Introduction to American Government **3 sem. hrs.**
New Number: 0235 100. Structure, development, powers, and limits of the federal government; underlying principles and relationships of executive, legislative, and judicial departments; organization, functions, and powers of various branches and bureaus of government, revenues, expenditures, and debts; federal regulation and control.

PolSc 201 European and Comparative Government I **3 sem. hrs.**
New Number: 0235 200. Comparative politics theory — the exploration of cross national categories for political analysis. Great Britain: the origin of the British Constitution; the crown, parliament, political parties, and interest groups. France: The heritage of the revolution and subsequent political structures; special emphasis on the politics of the Fifth Republics. British-French systems compared.

PolSc 202 European and Comparative Government II **3 sem. hrs.**
New Number: 0235 201. GERMANY: historical backgrounds; the Hohenzollern Empire (1871-1918); the Weimar Republic (1918-1933); national socialism (1933-1945); allied occupation and control; rebirth of German political life and its progress to date. Soviet Union: historical and theoretical background to the 1917 communist revolution; Lenin and consolidation; Stalin and his successors in power; the Soviet government in theory and practice today. An introduction to Chinese politics.

PolSc 225 Introduction to Administrative Process **3 sem. hrs.**
New Number: 0235 210. The nature and role of public administration in contemporary America. Special emphasis is given to the values and political influences which shape modern administration.

PolSc 250 **Introduction to State and Local Politics** **3 sem. hrs.**
New Number: 0235 215. An examination of the role of the states and localities in the American federal system. Special emphasis is placed on their political cultures and styles, their policy-making institutions, and the changes reshaping their place in the American system of government.

PolSc 275 **Introduction to Urban Politics** **3 sem. hrs.**
New Number: 0235 220. The governmental and political life of urban America. The major problems and prospects of the urban areas are examined with attention to the political feasibility of various reform proposals.

PolSc 301 **Constitutional Law I** **3 sem. hrs.**
New Number: 0235 300. The origins of constitutionalism and the framing of the American Constitution; the nature and scope of judical review; the sources and nature of national legislative power (implied powers and the necessary and proper clause; the commerce power from Marshall to Warren; other sources of national power); State power to regulate; development of substantive due process and the regulation of economic and property interests; introduction to the nature and scope of fourteenth amendment due process.

PolSc 302 **Constitutional Law II** **3 sem. hrs.**
New Number: 0235 301. An in-depth examination of individual rights and liberties, with emphasis on developments since 1937. Includes: The rights of the accused; freedom of expression and association; freedom of religion; equality under the law; developments in civil rights (includes discussion of the concept of state action and congressional enforcement of civil rights).

PolSc 304 **Minority Groups' Politics** **3 sem. hrs.**
New Number: 0235 310. An examination of the major minorities in America and their relationship to the political system. Blacks, indians, women, and students receive special emphasis as representative minorities.

PolSc 305 **Political Parties and Pressure Groups** **3 sem. hrs.**
New Number: 0235 305. The party system, theory and practice on national, state, local level. Party organization. Nominations. Conventions. Campaign techniques. Elections. Voting Behavior. The principal pressure groups. Methods used to mobilize public opinion. Influence of pressure groups on various branches of government. Influence of parties and pressure groups on public administration and bureaucracy.

PolSc 311 **International Relations I** **3 sem. hrs.**
New Number: 0235 315. A comprehensive, systematic study of the fundamental principles that govern international politics. Significant concepts that are dealt with include: international law; elements of power and the dynamics of international relations, techniques of foreign policy; revolution and the cold war, international economics, collective security.

PolSc 312 **US Foreign Policy** **3 sem. hrs.**
New Number: 0235 320. A brief overview of diplomatic history provides the background to analyze post WW II US behavior in the international arena. Emphasis is divided between US actions and reactions on a world wide scale, and domestic sources of US foreign policy such as the influence of the military-industrial complex, con-

gressional-executive politics, the bureaucracy, and public opinion. Discussion of current events weekly.

PolSc 313-314 History of Political Thought **3-3 sem. hrs.**
New Number: 0235 331. A survey of political thought from ancient times to the present. The first semester discusses political thinkers from the pre-Socratics through Machiavelli. The second semester discusses political thinkers from Hobbes through a survey of representative 20th century thinkers. Special emphasis is placed upon an analysis of the past that can contribute to an understanding of the present.

PolSc 316 Foreign Policy of the USSR **3 sem. hrs.**
New Number: 0235 325. Approaches to studying Soviet foreign policy since the revolution are presented and evaluated. Soviet behavior is analyzed from the twin perspectives of international events and domestic politics. The role of Marxism-Leninism as it affects Soviet foreign policy is covered. Special emphasis is given Sino-Soviet relations. Discussion of current events weekly.

PolSc 331 Political Behavior **4 sem. hrs.**
New Number: 0235 345. Empirical and quantitative methods applied to the study of political activity; voting behavior, party identification, political values, and motivation.

PolSc 340 Public Opinion **3 sem. hrs.**
New Number: 0235 350. Opinion formation, measurement, change, and the relationship between opinions and public policy are examined in this course.

PolSc 373 Congressional and Presidential Politics **3 sem. hrs.**
New Number: 0235 360. Analysis of the policy process within the legislative and executive systems including the effects of environmental factors on policy and the patterns of interaction between the legislative and executive branches in the American political system.

PolSc 394 Seminar in American Politics **3 sem. hrs.**
New Number: 0235 415.

PolSc 396 Seminar in Political Power **3 sem. hrs.**
New Number: 0235 420.

PolSc 397 Seminar in Comparative Politics **3 sem. hrs.**
New Number: 0235 425.

PolSc 399 Independent Studies in Political Science **3 sem. hrs.**
New Number: 0235 499.

PSYCHOLOGY

Psy 101 Introduction to Psychology **3 sem. hrs.**
New Number: 0236 100. Survey of the major fields of psychology. Prerequisite for all other psychology courses.

Psy 150 History of Psychology **3 sem. hrs.**
New Number: 0236 110. Study of significant individuals and concepts in the emergence of psychology as an independent discipline and a contemporary science. Prerequisite: Psy 101.

Psy 180 **Psychology of Self-Control** **3 sem. hrs.**
New Number: 0236 220. This applied course, designed for the student who is not majoring in psychology, applies behavior modification to self-management in a variety of settings. May not be counted by psychology majors as fulfilling major course requirements. Prerequisite: Psy 101.

Psy 200 **Psychology of Personal Adjustment** **3 sem. hrs.**
New Number: 0236 241. Good personal adjustment is defined as effective solution of individual problems and creation of a viable system of personal values. The constraints and conditions effecting these behaviors are examined. May not be counted by psychology majors as fulfilling major course requirements. Prerequisite: Psy 101.

Psy 201 **Introduction to Research** **3 sem. hrs.**
New Number: 0236 200. Application of scientific methods to psychology with emphasis on designing research and report writing. Prerequisite: Psy 150.

Psy 202 **Statistics and Methods** **3 sem. hrs.**
New Number: 0236 205. Focus on descriptive and inferential statistics. This course stresses the analysis and interpretation of data, frequency distribution, analysis, tests of significance, correlational methods, analysis of variance, and selected non-parametric tests. Prerequisite: Psy 201.

Psy 205 **Attitude Assessment** **3 sem. hrs.**
New Number: 0236 446. Origins and properties of attitudes and methods of changing them are considered from a variety of theoretical viewpoints. Opportunities for applied research are included. Prerequisite: Psy 300.

Psy 300 **Introduction to Survey Research** **3 sem. hrs.**
New Number: 0236 300. An introduction to the types of human subjects research encountered in field work. Covers general principles of survey research, survey design, and data analysis. Prerequisites: Psy 202 or equivalent.

Psy 301 **Advanced Statistics** **3 sem. hrs.**
New Number: 0236 405. Foundations of statistical inference. Parametric and nonparametric techniques. Prerequisite: Psy 202 or equivalent.

Psy 303 **Experimental Design** **3 sem. hrs.**
New Number: 0236 305. An advanced treatment of experimental designs and statistical applications of computer facilities and work with data problem sets from a variety of actual research projects. Prerequisite: Psy 202.

Psy 306 **Physiological Psychology** **3 sem. hrs.**
New Number: 0236 315. Investigation of the biological basis of human behavior. Emphasis on principles of physiological psychology and relevant areas of psychological functioning that are effected by physiology. Prerequisite: Psy 202.

Psy 307 **Physiological Psychology Laboratory** **1 sem. hr.**
New Number: 0236 316. The laboratory is basically a series of structured laboratory experiences which approximately parallel the course content of Psy 306. Enrollment limited to students who have completed or are currently enrolled in Psy 306.

Psy 308 **Psychology of Learning** **3 sem. hrs.**
New Number: 0236 320. Examination of contemporary theories and problems of learning. Three hours lecture; two of laboratory experience. Prerequisite: Psy 202.

Psy 309 **Emotion and Motivation** **3 sem. hrs.**
New Number: 0236 455. Survey of contemporary theories and critical review of their problems. Prerequisite: Psy 306 or Psy 308.

Psy 310 **Theories of Personality** **3 sem. hrs.**
New Number: 0236 240. A review and critical evaluation of major personality theories and their supporting evidence. Readings from original source. Prerequisite: Psy 100 and permission of instructor.

Psy 311 **Sensation and Perception** **3 sem. hrs.**
New Number: 0236 416. An intensive review of sensory processes and perceptual organization. Prerequisite: Psy 306 or permission of the instructor.

Psy 312 **Social Psychology** **3 sem. hrs.**
New Number: 0236 325. Social determinants of individual behavior and of group interaction are examined with emphasis on current research literature. Prerequisite: Psy 202.

Psy 318 **Introduction to Behavior Therapy** **3 sem. hrs.**
New Number: 0236 355. Survey of theoretical bases and techniques used in modifying behavior in educational and therapeutic settings. Prerequisite: Psy 308.

Psy 320 **Mastery Learning** **3 sem. hrs.**
New Number: 0236 400. An intensive treatment of the application of principles of learning to education. Emphasis is on clear definition of terminal behaviors and effective management of contingencies in educational settings. Laboratory work required. Prerequisite: Psy 201.

Psy 321 **Experiments in Human Learning** **3 sem. hrs.**
New Number: 0236 321. A laboratory course requiring the student to design and carry out original research with a report in appropriate professional format. Prerequisites: Psy 320 and Psy 202.

Psy 325 **Experimental Social Psychology** **3 sem. hrs.**
New Number: 0236 425. Advanced course with emphasis on experimental methods of study. Student designs and executes original experimental research. Prerequisites: Psy 312 or permission of instructor.

Psy 330 **Development Psychology** **3 sem. hrs.**
New Number: 0236 230. Development of behavior and psychological activity through the prenatal period, infancy, childhood, adolescence maturity, and old age with emphasis on the normal person. Prerequisite: Psy 101.

Psy 334 **Psychology of Human Aging** **3 sem. hrs.**
New Number: 0236 430. Physical, social and psychological changes that accompany normal human aging. Opportunities for field experience. Prerequisites: Psy 330 or permission of instructor.

Psy 336 **Abnormal Psychology** **3 sem. hrs.**
New Number: 0236 235. A description of psychopathology and current theories of etiology and therapy. May not be counted by psychology majors in fulfilling major course requirements. Prerequisite: Psy 101.

Psy 338 **Psychological Tests and Measurements** **4 sem. hrs.**
New Number: 0236 345. Principle and practice of basic psychological testing. Theory of measurement; test construction; reliability; validity. Emphasis on intelligence, aptitude, interest, organic brain dysfunction and personality tests. Three hours lecture and three hours laboratory. Prerequisite: Psy 202.

Psy 340 **Psychology of the Mentally Retarded** **3 sem. hrs.**
New Number: 0236 255. An introduction to mental retardation with special emphasis on etiology, typology, methods of treatment, and training. Field experience. Prerequisite: six hours of psychology.

Psy 341 **Clinical Psychology** **3 sem. hrs.**
New Number: 0236 340. A survey of the principles and techniques of professional clinical practice. Prerequisite: Psy 202.

Psy 342 **Counseling Psychology** **3 sem. hrs.**
New Number: 0236 342. Survey of principles and techniques of psychological counseling. Prerequisite: Psy 202.

Psy 350 **Psychology of Abnormal Behavior** **3 sem. hrs.**
New Number: 0236 435. Advanced course stressing scientifically acceptable alternatives to the medical model of alternative behavior. Emphasis given to behavioral and physiological approaches. Required skills include a review of current literature and critical evaluation of findings. Prerequisites: Psy 306, Psy 307, and Psy 308.

Psy 375 **Personnel Selection** **3 sem. hrs.**
New Number: 0236 450. Intensive examination of the practical use of selection procedures in the employment situation. Content coverage includes measurement theory, criterion development, interview procedures, personal history data techniques and government regulations applied to administration of a selection program. Prerequisite: Psy 338 or Psy 385 and permission of instructor.

Psy 380 **Psychopharmacology** **3 sem. hrs.**
New Number: 0236 415. An advanced course covering both principles of pharmacology and detailed study of both therapeutic and illicit drug classes which effect psychological functioning. Prerequisite: Psy 306 or permission of instructor.

Psy 385 **Industrial/Organizational Psychology** **3 sem. hrs.**
New Number: 0236 250. Applications of psychological principles to human problems in industrial organizations, including a consideration of individual needs and motives as they affect group achievement. Prerequisites: Psy 101 and permission of instructor.

Psy 393 **Comparative Psychology** **3 sem. hrs.**
New Number: 0236 456. A comprehensive survey of animal behavior as it relates to behavioral taxonomies, ethology, and behavioral genetics. Prerequisite: Psy 202 and either Psy 306 or 308.

Psy 394 **Seminar in Psychology** **3 sem. hrs.**
New Number: 0236 496. The content of this course varies semester to semester; keyed to faculty and student interest. Permission of instructor.

Psy 395 **Independent Readings** **3 sem. hrs.**
New Number: 0236 493. Research and readings on selected topics. Open only to second semester junior and senior majors and with permission of the chairperson.

Psy 397 **Practicum in Applied Psychology** **3 sem. hrs.**
New Number: 0236 497. Supervised field-placement in local programs. Carried out by contract with local agencies under supervision by departmental staff. Advanced standing and appropriate course background strictly required. Admission only by permission of instructor and chairperson of the department.

Psy 398 **Senior Research** **1 sem. hr.**
New Number: 0236 498. Enrollment limited to second semester juniors and senior majors who are planning, organizing and carrying out background literature review for an empirical research thesis. Permission of instructor or faculty sponsor required.

Psy 399 **Senior Research** **2 sem. hrs.**
New Number: 0236 499. Credit in this course requires the completion of a formal research thesis, which must be approved by project sponsor, course instructor, and chairperson of department.

Psy 410 **Systems of Psychology** **3 sem. hrs.**
New Number: 0236 310. Basic information about systematic and theoretical positions within the broader field of psychology. Prerequisite: Psy 202.

RELIGIOUS STUDIES

RelSt 100, 101, 102 Biblical Hebrew I, II, III **3 sem. hrs.**
New Number: 0238 103-104-105.

RelSt 110, 111, 112 Biblical Greek I, II, III **3 sem. hrs.**
New Number: 0238 106-107-108.

RelSt 200 **Introduction to Old Testament Literature** **3 sem. hrs.**
New Number: 0238 100. An overview of Israel's history from Patriarchal times to the late Jewish period, with an account of its developing religious awareness at different key moments, such as the Exodus, the Rise of the Monarchy and the Babylonian Captivity. The emergence of the various bodies of writings — The Law, the Prophets and the Writings — against these backgrounds, with special emphasis on the oral traditions that underlie each. Required for majors.

RelSt 207 **Hebrew Prophets** **3 sem. hrs.**
New Number: 0238 235. The major prophets will be studied in their historical and social setting and their contribution to the faith of Israel evaluated. Attention will be paid to different forms within the prophetic books, the nature of Hebrew poetry and the process whereby these books were compiled to become part of the ongoing tradition and eventually form an important segment of the canon of Hebrew Scriptures. A brief treatment of the nature and history of

the prophetic phenomenon within the Ancient Near East by way of general introduction.

RelSt 212 **The Pentateuch** **3 sem. hrs.**
New Number: 0238 215. The use of form source criticism has illuminated our understanding of the way in which Israel shaped, collected and eventually edited the traditions dealing with its founding experience of liberation from Egypt and entry into the Land of Canaan. This course will approach the Pentateuch from the presuppositions of modern literary and historical criticism and show how from a body of oral tradition the first five books of the Bible were compiled within the context of a living faith in the God who acts, meeting the challenges of new historical situations.

RelSt 219 **Religions of Greece and Rome** **3 sem. hrs.**
New Number: 0238 330. Study of religious beliefs and experiences of the ancient Greeks and Romans, examining the various aspects and developments of their theologies from the aboriginal chtonic cults, the olympian pantheon, the mysteries, and orphism to the personal religion of Socrates and the philosophical religion of the Stoics.

RelSt 220 **Introduction to New Testament Literature** **3 sem. hrs.**
New Number: 0238 101. N.T. Literature emerged as the occasional writings of the Christian communities in relation to their historical and social worlds. The historical background is therefore essential for a proper interpretation of the different works, their nature as religious literature and the different forms that literature adapted for its own purposes — gospels, epistles, acts, apocalypses. These different types of early Christian writings are discussed in relation to similar types within Greco-Roman religious writings and those of Judaism, and their distinctive features elaborated. Required for majors.

RelSt 223 **Pauline Writings and Theology** **3 sem. hrs.**
New Number: 0238 300. A study of writings and the theology of St. Paul in their original context and in the context of Christianity in the 20th century.

RelSt 228 **The Synoptic Gospels** **3 sem. hrs.**
New Number: 0238 255. Study of the gospels of Matthew, Mark, Luke. A consideration of the synoptic problem and the theological pluralism found in the synoptics.

RelSt 233 **Johannine Writings and Theology** **3 sem. hrs.**
New Number: 0238 315. A study of the Johannine writings and theology in their original context and in the context of Christianity in the 20th century.

RelSt 234 **The Gospels and the Historical Jesus** **3 sem. hrs.**
New Number: 0238 415. The study of the formation of the gospels at the levels of the oral tradition (Form Criticism) and of the final authors (Redaction Criticism) inevitably raises the questions of the historical trustworthiness of the traditions about Jesus and their theological reinterpretation in the light of the Eastern faith of the Church. This course addresses itself to such questions as the literary genre gospel, the theologies of the different Evangelists and the continuity between the proclamation of Jesus and the kerygma of the church underlying to all four gospels.

RelSt 240 **Theological Ethics** **3 sem. hrs.**
New Number: 0238 110. An examination of some major systematic expositions of Christian ethics, with consideration of their traditional sources and philosophical and theological implications. Required for majors.

RelSt 250 **Church History: The Primitive Church** **3 sem. hrs.**
New Number: 0238 210. Taught in collaboration with the Department of History.

RelSt 251 **Church History: The Early Middle Ages** **3 sem. hrs.**
New Number: 0238 211. Taught in collaboration with the Department of History.

RelSt 252 **Church History: The Reformation** **3 sem. hrs.**
New Number: 0238 212. Taught in collaboration with the Department of History.

RelSt 253 **Church History: The 19th Century** **3 sem. hrs.**
New Number: 0238 213. Taught in collaboration with the Department of History.

RelSt 254 **Church History: Catholic Church in the U.S.** **3 sem. hrs.**
New Number: 0238 220. Taught in collaboration with the Department of History.

RelSt 259 **Music as Value** **3 sem. hrs.**
New Number: 0238 250. An introduction to the great religions of the world, especially those of the West, principally as manifested in developments in music and comparative arts. This course is geared to freshmen who are majoring in music.

RelSt 305 **Biblical Morality** **3 sem. hrs.**
New Number: 0238 410. An investigation of selected ethical, moral, and legal themes prominent in the biblical writings, with consideration of their motivation, development, and subsequent influence.

RelSt 309 **Sociology of Religion** **3 sem. hrs.**
New Number: 0238 240. Taught in collaboration with the Department of Sociology.

RelSt 310 **History of Christian Thought I** **3 sem. hrs.**
New Number: 0238 200. A study of the development of Christian thought from the Apostolic Fathers down to the council of Chalcedon. Particular attention will be given to the development of Christological doctrine. Required for majors.

RelSt 311 **History of Christian Thought II** **3 sem. hrs.**
New Number: 0238 201. A study of Christian thought from Augustine to the Eve of the Reformation: Augustine, The Councils of Constantinople, The Carolingian Renaissance, the Dark Age, Anselm, Abelard, Bonaventure, Aquinas, Scotus, the Medieval Synthesis, Nominalism, late Medieval Mysticism. Required for majors.

RelSt 312 **History of Christian Thought III** **3 sem. hrs.**
New Number: 0238 202. The development of Christian thought from the Reformation through the modern period; the 19th century and the rise of historical consciousness and its theological implications; Vatican II. Required for majors.

RelSt 320 **Introduction to Systematic Theology** **3 sem. hrs.**
New Number: 0238 115. A study of the nature of theology as the thematization of faith-experience. The relationship between philosophy and theology. A treatment of selected Christian doctrines: creation, incarnation, trinity, grace, eschatology, and Christian anthropology.

RelSt 322 **Theology of Vatican II** **3 sem. hrs.**
New Number: 0238 400. A study of the changes in Roman Catholicism since Vatican II: why they occurred and what fundamental shifts were behind the change. Specific attention will be given to the place and function of the Church in the modern world.

RelSt 325 **The Christian God** **3 sem. hrs.**
New Number: 0238 320. Study of the problem of belief in modern times, the process of secularization and the death of God phenomenon, the effort to reformulate God-talk in terms of process thought, the triune God of Christianity, the marriage of Christian theology and Western philosophy.

RelSt 328 **Christology** **3 sem. hrs.**
New Number: 0238 350. A historico-theological study of the Christology of the early church fathers, the councils, and contemporary theologians.

RelSt 330 **Theology of the Holy Spirit** **3 sem. hrs.**
New Number: 0238 435. A study of the evolution of the theology of the Spirit. Old Testament foreshadowings, New Testament data, Patristic and medieval developments. The contemporary charismatic phenomenon.

RelSt 332 **The Church** **3 sem. hrs.**
New Number: 0238 420. The Church as mystery and human institution; Post Vatican II ecclesiology; church and world; church and churches; church and the world religions.

RelSt 333 **Sacramental Theology** **3 sem. hrs.**
New Number: 0238 430. A study of select questions. Church as sacrament. Seven sacraments as ecclesial symbols. Nature of sign and symbol. Symbolic causality. Sacraments and secular life. Transignification. NonRoman Catholic sacraments.

RelSt 334 **Sacraments of Healing** **3 sem. hrs.**
New Number: 0238 425. A study of the history of penance and the anointing of the sick along with a consideration of the revived theologies of these two sacraments and their new, revised rites.

RelSt 340 **Twentieth Century Religious Thought** **3 sem. hrs.**
New Number: 0238 245. An analysis of the basic features of the contemporary God-problem; the bearing of the secularization process and present day theories of knowledge of God-talk; a sampling of the varying accomodations of contemporary religious thinkers to the secular Geist will be examined as well as more recent efforts to situate and articulate the human experience of the transcendent.

RelSt 345 **Spirituality of Ignatius of Loyola** **3 sem. hrs.**
New Number: 0238 455. A historical and ascetical approach to the insights and spirituality of Ignatius Loyola, Jesuit founder, with special emphasis given to the counter-reformation and the significance of his thought in the modern period.

RelSt 346 **Theology of Prayer** **3 sem. hrs.**
New Number: 0238 225.

RelSt 350 **History of Ethics I** **3 sem. hrs.**
New Number: 0238 230. A general survey of ethical theory. Thinkers to be included are the Sophists, Socrates, Aristotle, Epicureans, Stoics, Augustine, Aquinas, Hobbes, Butler, Hume, Kant, Bentham, Schopenhauer, and Mill.

RelSt 351 **History of Ethics II** **3 sem. hrs.**
New Number: 0238 231. A representative sampling of major contributions to ethical theory in the twentieth century, drawn mainly from Anglo-American sources. Lectures and discussions will emphasize the historical emergence of distinctive premises and methodologies, and will consider their relevance to traditional Christian principles and values. The authors directly studied will be Bradley, Nietzsche, Moore, Sumner, Prichard, Dewey, Buber, Perry, Wittgenstein, Ross, Ayer, Stevenson, Nowell-Smith, and Rawls.

RelSt 400 **Theological Methodology** **3 sem. hrs.**
New Number: 0238 335. A study of method in theology in the light of recent developments in this area due to the rise of historical consciousness and the inadequacies encountered in older methodologies.

RelSt 405 **Prayer in the New Testament** **3 sem. hrs.**
New Number: 0238 340. An exegetical survey of all those texts in the New Testament that either constitute prayers or pertain explicitly to prayer, with consideration of their religious implications.

RelSt 414 **Philosophy of Religion** **3 sem. hrs.**
New Number: 0238 440. A study of the philosophical problems raised by man's religious experience. This will include a brief survey of major world religions to clarify common characteristics of the phenomena of religion as it has historically appeared. The course will conclude with an investigation of religious experience on the personal or individual level with the accompanying problems: belief, relationship of religious subjects to religious object, the verification of the religious experience. Seminar for majors.

RelSt 415 **American Religious Philosophy** **3 sem. hrs.**
New Number: 0238 445. An attempt to trace historically the tendency of American thinkers to assimilate religious and esthetic experience. These philosophers are treated: Edwards, Emerson, Peirce, James, Royce, Dewey, Santayana, and Whitehead.

RelSt 425 **Eastern Religions** **3 sem. hrs.**
New Number: 0238 310.

RelSt 450 **Major Seminar** **3 sem. hrs.**
New Number: 0238 496.

RelSt 493 **Independent Study** **3 sem. hrs.**
New Number: 0238 497.

RelSt 497 **Directed Readings** **3 sem. hrs.**
New Number: 0238 495.

RelSt **Theology of Religion** **3 sem. hrs.**
New Number: 0238 450.

RelSt **Theology of Liberation** **3 sem. hrs.**
New Number: 0238 305.

RUSSIAN

(see Modern Foreign Languages)

SOCIAL WORK

SocW 101 **Introduction to Social Work** **3 sem. hrs.**
New Number: 0240 100. This course defines social work and identifies the common elements of practice with emphasis on evolving unitary concepts. In addition it traces the emergence of social work as a profession. (Xavier, Loyola-City College).

SocW 201 **Social Welfare as an Institution** **3 sem. hrs.**
New Number: 0240 200. An examination of the basic institutional framework of the concept of social welfare in the United States. Major consideration is given to the historical establishment of the institution, as influenced by the dominate values/attitudes of the American society. The formulation of social policies and programs, particularly during the 20th century, is examined and evaluated. Significant emphasis is placed on the influence of the societal context (social, political, and economic issues). The role and influence of the social work profession on the development of the institution is also examined. (Xavier).

SocW 206 **Social Work and Drug Abuse** **3 sem. hrs.**
New Number: 0240 205. This course focuses on the sociological and psychological implications of alcohol and drug abuse with emphasis on social service delivery systems. (Cross-listed as Socl 206).

SocW 300 **Human Behavior and the Social Environment I** **3 sem. hrs.**
New Number: 0240 300. A consideration of the relationship between individual function and the social system, in which general systems theory provides the framework within which to examine the effects of biological, social, cultural, and racial influences on human functioning. The relevance of such effects for social work are explored. (Loyola).

SocW 302 **Principles and Methods of Social Work** **4 sem. hrs.**
New Number: 0240 305. An introduction to the basic generic concepts and principles of the helping methodologies in the profession of social work. Special attention is given to values, skills, and techniques of the helping relationship, which includes communication and interviewing. Integration of theoretical content of classes with a directed field experience. (Dominican, Loyola).

SocW 303 **Social Policy** **3 sem. hrs.**
New Number: 0240 310. Seminar. An analysis of specific social policy developments in the United States. Consideration of contemporary and futuristic social policies are examined. (Xavier).

SocW 311 Families in Crisis **3 sem. hrs.**

New Number: 0240 315. Cross listed as Socl 310. Provides a social systems framework within which to identify the crisis facing the family in 20th century America and critical periods within the life cycle of the family. A brief overview is given to the concept of and varying theoretical approaches to family therapy. (Loyola).

SocW 314 Social Aspects of Poverty **3 sem. hrs.**

New Number: 0240 340. Through an integration of directed readings and field research projects, this course promotes in the student (1) an understanding of poverty as a social problem; (2) an approach of the social correlates of poverty and its social-psychological consequences; and (3) a familiarity with the extent and nature of poverty in New Orleans. Cross listed as Socl 340. (Loyola).

SocW 315 Youth and Adolescence: Social Welfare Perspectives **3 sem. hrs.**

New Number: 0240 315. Examination of the problems of America's youth and society's attempt to deal with them; focus on child welfare services, juvenile delinquency and the emergent upheaval of children with special needs. (Dominican, Loyola).

SocW 317 Small Group Dynamics **3 sem. hrs.**

New Number: 0240 330. An examination of the dynamics of small group interaction through an investigation of current social-psychological research in the area and student participation in small group research projects, with the objective of obtaining an understanding of the small group as a social system. Prerequisites: Either Socl 101, Psy 101, Socl 206 or Psy 312. Cross-listed as Socl 330. (Loyola).

SocW 400 Human Behavior and the Social Environment II **3 sem. hrs.**

New Number: 0240 400. This course represents the second portion of a two semester sequence. It provides the student with a model for integrating advanced knowledge from the contributing biological and behavioral sciences. Emphasis will be placed on theories of development, of the individual and family systems, including cultural, minority and ethnic variations.

SocW 401-402 Field Instruction **4-4 sem. hrs.**

New Number: 0240 401-402. Involves the student in hours semester hours of supervised social work in local agencies. (Xavier).

SocW 405 Social Work Research and Lab **4 sem. hrs.**

New Number: 0240 415. Familiarizes the student with the basic principles of social research and with the use of scientific research and evaluation in social work. Major objectives of this course are to promote an understanding of the impact of research on and its application to practice, and through the critical consumption and implementation of research in social work. (Loyola).

SocW 406A, B, C Independent Study **1-2-3 sem. hrs.**

New Number: 0240 499. For advanced majors and with instructor's permission only. Topic and approach determined by student and an assigned faculty member. (Loyola, Dominican, Xavier).

SocW 407 **Social Work Practice I** **3 sem. hrs.**
New Number: 0240 410. This course is designed to integrate social work knowledge, values and skills with experience derived from concurrent participation in SocW 401, Field Instruction. (Loyola).

SocW 408 **Social Work Practice II** **3 sem. hrs.**
New Number: 0240 411. This course is designed to further integrate social work knowledge, values and skills with experience derived from concurrent participation in SocW 402, Field Instruction. (Xavier).

SocW 409 **Pro-Seminar** **3 sem. hrs.**
New Number: 0240 496. For advanced majors only. Offered occasionally and upon request of faculty/students. (Loyola, Dominican, Xavier).

SOCIOLOGY

Socl 101 **Introductory Sociology** **3 sem. hrs.**
New Number: 0239 100. An introduction to the sociological perspective. Consideration of the concepts of society and culture. General survey of relevant theory and research to give the student an understanding of the sociologist's approach to human behavior.

Socl 202 **Cultural Anthropology** **3 sem. hrs.**
New Number: 0239 200. A study of world cultures, past and present. Emphasis on the present. Reasons for change. Course offered at Tulane and at Xavier.

Socl 203 **Social Psychology** **3 sem. hrs.**
New Number: 0239 210. Review of psychological and sociological knowledge relevant to understanding the interrelations between society and social behavior. Exploration of the impact of social organization on social behavior, and, conversely, the impact of collective social behavior on social organization. Topics include: socialization; the processes of social and interpersonal perception, and patterns of social interaction, including affiliation, aggression, intergroup cooperation and conflict, and group problem solving.

Socl 204 **Criminology I: Deviant Behavior** **3 sem. hrs.**
New Number: 0239 215. A critical examination of the nature and extent of deviant and criminal behavior in complex, industrial societies. Particular attention will be given to the causes and consequences of deviant behavior, and to the social relations and processes associated with the more common forms of deviant and criminal expression within American society.

Socl 206 **Social Work and Drug Abuse** **3 sem. hrs.**
New Number: 0239 205. This course focuses on the sociological and psychological implications of alcohol and drug abuse with emphasis on social service delivery systems. Same as SocW 206.

Socl 207 **Medical Sociology** **3 sem. hrs.**
New Number: 0239 400. The sociological characteristics of sickness to include primitive medicine, the evolution of medicine, organization of medical care, the relationship between disease and environment, and the impact of health on society. This course is offered by Xavier University.

Socl 208 **Major Trends and Movements in American Society** **3 sem. hrs.**
New Number: 0239 220. An analysis of socio-cultural change as seen in secular trends and as promoted by types of voluntary organizations.

Socl 210 **Minority Relations** **3 sem. hrs.**
New Number: 0239 225. The study of unequal power relations between dominant majorities and ethnic, racial, and religious minorities in the pluralistic American system.

Socl 211 **Sociology of Education** **3 sem. hrs.**
New Number: 0239 230. A sociological interpretation of education, its structure, and organization. The course looks at the school as an agent of society and to the social actor, from childhood to maturity, along the process of socialization.

Socl 225 **Social Statistics and Lab** **4 sem. hrs.**
New Number: 0239 235. Introduction to the use of statistics as a research instrument in sociology. Prerequisite: Math 115.

Socl 301 **Sociology of the Family** **3 sem. hrs.**
New Number: 0239 240. A review of theory and research concerned with the family as an institution. Special emphasis on cross cultural analysis.

Socl 302 **Sociology of Power and Politics** **3 sem. hrs.**
New Number: 0239 350. The sociological approach to politics and power. Special emphasis on American national and community power studies.

Socl 303 **Stratification and Power in America** **3 sem. hrs.**
New Number: 0239 305. Study of stratification systems in various societies with special emphasis on the process and effects of stratification in the United States.

Socl 305 **Sociology of Work and Occupations** **3 sem. hrs.**
New Number: 0239 410. Development and place of occupations and professions of modern life; personnel recruitment; education and careers; social relationship and the work role.

Socl 306 **Sociology of Religion** **3 sem. hrs.**
New Number: 0239 320. The functions of religion in society, religious and social variation, the inter-relations between religion and other social institutions. See Religious Studies 303.

Socl 308 **Sociological Theory: The 19th and 20th Centuries** **3 sem. hrs.**
New Number: 0239 345. A systematic analysis of the theories and related research of the contemporary sociologists.

Socl 309 **Urban Sociology** **3 sem. hrs.**
New Number: 0239 300. Sociological study of urban trends and problems.

Socl 311 **Families in Crisis** **3 sem. hrs.**
New Number: 0239 310. The first half of the course provides an introduction to the family as an institution, focusing on structural and functional changes within the family. The second half is devoted to an examination of crisis within the family and focuses on tech-

niques of therapeutic intervention into family groups. Same as SocW 311.

Socl 312 **Organizations in Society** **3 sem. hrs.**
New Number: 0239 325. An analysis of the models in the study of bureaucracy and large scale formal organizations. Topics for discussion include the various ideal models for studying organizations, structural characteristics of organizations, and problems of organizations in environmental relationships.

Socl 317 **Small Group Dynamics** **3 sem. hrs.**
New Number: 0239 330. General review of the social-psychological literature on small group behavior. Emphasis is on major traditional and current empirical research and student experimental projects. Prerequisites: Either Socl 101, Psyc 101, Socl 203 or Psyc 312. Same as SocW 317.

Socl 326 **Research Methods and Techniques** **4 sem. hrs.**
New Number: 0239 335. Logical considerations in method and design of studies. Review of techniques currently in use. An empirical study must be completed by each student in the course in an area of his interest. Students are required to attend a methods laboratory and workshop regularly once a week. Prerequisite: Socl 225.

Socl 330 **Criminology II: Law and Social Control** **3 sem. hrs.**
New Number: 0239 216. Introduction to law and legal institutions as formal mechanisms for controlling deviant and criminal behavior. Emphasis will be placed on the social processes whereby laws are enacted, administered and enforced, and on the social institutions created to detect, process, punish and treat law violators.

Socl 340 **Social Aspects of Poverty** **1 sem. hr.**
New Number: 0239 340. Through an integration of directed readings and field research projects, this course promotes in the student an understanding of poverty as a social problem; an understanding of the social correlates of prolonged poverty and of the social and psychological consequences of prolonged poverty; and a detailed familiarity of the nature and extent of poverty in New Orleans.

Socl 349 **Aspects of Mental Health** **3 sem. hrs.**
New Number: 0239 405. Sociological analysis of the causes, effects, treatment, and prevention of mental illness.

Socl 394 **Field Practicum** **3 sem. hrs.**
New Number: 0239 497. This course involves the student in three semester hours of supervised practical application of sociological knowledge.

Socl 395 **Special Projects** **3 sem. hrs.**
New Number: 0239 495. Investigations designed for the special needs of the advanced student. Prerequisites: permission of instructor and one semester of field work.

Socl 399 **Independent Study** **3 sem. hrs.**
New Number: 0239 499.

Socl 401 **Seminar: Race and Minorities** **3 sem. hrs.**
New Number: 0239 415.

Socl 402 **Seminar: Contemporary Social Issues** **3 sem. hrs.**
New Number: 0239 420.

Socl 403 **Seminar: Social Change** **3 sem. hrs.**
New Number: 0239 425.

Socl 404 **Seminar: Urban Sociology** **3 sem. hrs.**
New Number: 0239 430.

Socl 424 **Seminar: The Urban Family** **3 sem. hrs.**
New Number: 0239 435.
A special course given by the combined faculties of Xavier, Dominican, and Loyola Universities. Admission requires permission of the respective departmental chairmen.

SPANISH

(see Modern Foreign Languages)

SPECIAL STUDIES

SpSt 130 **Career Exploration** **2 sem. hr.**
New Number: 0237 100. The objective of the course is to stimulate increasing self awareness on the part of the individual, thereby enhancing his/her ability to more adequately and accurately make vocational choices. To encourage the student to investigate various occupations which emerge as possibilities for him/her after the self assessment phase. To train students in job hunting techniques.

SpSt 131 **Study Skills** **1 sem. hr.**
New Number: 0237 105. Students will meet for an hour group session twice weekly during the semester. Presentations and demonstrations of higher-level learning techniques will be given. Assignments will entail applications of the learning techniques to students' own class work. In addition to the group sessions, the counselor will be available for individual conferences during which a student may discuss his or her specific areas of learning difficulty and the counselor will attempt to individualize the methods by tailoring them to personalities and schedules.

SpSt 241 **Human Values and Campus Relationships** **3 sem. hrs.**
New Number: 0237 200. The course will be based on clarifying your values, how you determine what is important, and the impact of your personal values on your personal relationships. Three themes will predominate: human sexuality; religion, society and community; and your life — by choice or by chance which will examine the values which govern your life, what you hope to achieve, and examine the interrelationships between education, future occupation, and your other life goals. The course will utilize short lectures as a prelude to small-group discussion. Students will be expected to keep a regular journal.

SpSt 251 **Peer Adviser Development** **2 sem. hrs.**
New Number: 0237 205. This course is designed to prepare students to serve as peer advisers in the Peer Adviser program. The Peer Adviser program serves as an information and referral center for students, especially commuting students. Additionally, peer advisers work with new student orientation and related programs. The course itself focuses on personal communications, listening skills, self-awareness, and familiarizing the student in great detail with

the operations and procedures of the university. All persons interested in helping develop the Peer Adviser program are encouraged to participate.

SpSt 261 **Leadership Development** **2 sem. hrs.**
New Number: 0237 210. This course focuses on the development of student leadership skills and contemporary methods of group dynamics as they relate to the programming efforts of student organizations and the university. Significant time will be given to understanding the educational value of participating in student programming efforts, as well as the relationship of these efforts to the academic process. Participants will be expected to make regular class presentations as well as complete a minor paper. The course is open to students in leadership positions as well as persons seeking to become involved.

SpSt 263 **Organizational Leadership** **1 sem. hr.**
New Number: 0237 215. This course is designed to examine the dynamics of leadership in organizations and to develop leader competencies in student organizations. Organizational dynamics, management skills, and specific knowledge central to effectively run volunteer organizations will be the focus.

SpSt 310 **Workshop in Group Experience** **3 sem. hrs.**
New Number: 0237 300. This is the first of three training courses used to prepare student instructors for the psychology departments' mastery education program. SpSt 310 focuses on the experience of being a student instructor; specifically, how to facilitate learning in small groups and how to conduct evaluations for mastery of unit concepts. Prerequisite: Psy 101 or instructor's permission.

SpSt 311 **Laboratory in Mastery Learning** **3 sem. hrs.**
New Number: 0237 310. This is the second of three training courses used to prepare student instructors for the psychology departments' mastery education program. SpSt 311 focuses on the constraints encountered in structuring mastery learning programs. Close supervision provided by the faculty teaching the course in which the student does his student instructing. Prerequisite: SpSt 310.

SpSt 312 **Explorations in Individualized Instruction** **3 sem. hrs.**
New Number: 0237 315. This is the third of three training courses used to prepare student instructors for the psychology departments' mastery education program. SpSt 312 emphasized individually supervised exploration of advanced problems encountered in mastery education and individualized instruction. Close faculty supervision is provided. This course may be taken more than once only under unusual circumstances and with the express permission of the department and director of special studies. Prerequisite: SpSt 311.

SpSt 351 **Resident Assistant Preparation** **2 sem. hrs.**
New Number: 0237 320. This course is mandatory for all persons who wish to become a resident assistant in the Loyola residence halls. The course will involve group discussion and lectures by persons from local community agencies on "what the helping relation is"; a look into "the art of being a helping person"; how to handle administrative duties; how to be an organizer; how to listen to people; and learning to relate to others on a one-to-one basis and in a small group.

SpSt 360 Seminar in Higher Education **3 sem. hrs.**
New Number: 0237 220. The seminar will examine the student's experience in higher education and provide an opportunity to synthesize a personal philosophy of education. Through exposure to a number of resource people and educational experts, the student will examine a spectrum of contemporary issues in higher education. A portion of the course will focus on higher education as a career field, and the opportunities it offers.

SpSt 391-392 Advanced Independent Study **3 sem. hrs.**
New Number: 0237 499. Individual readings and discussion for the special student. Admission by permission of the dean.

VISUAL ARTS

VsArt 100-101 Art Fundamentals **3-3 sem. hrs.**
New Number: 0241 100-101. For art majors the core of the art curriculum. Inventive rediscovery of color, shape, line, and all art elements. Classes provide uninterrupted concentration in studio work, direction, and discussion with individual professors.

VsArt 110-111 Basic Drawing **3-3 sem. hrs.**
New Number: 0241 110-111. Perspective drawing with time for analysis of concepts and innovations in rendering. Problems of approach, interpretation.

VsArt 112-113 Seminar **3-3 sem. hrs.**
New Number: 0241 496. Reading-discussion seminar in ideas, attitudes, expressions, systems, and structures of the modern age (from about 1750).

VsArt 125 Survey of World Art I **3 sem. hrs.**
New Number: 0241 210. Concentration on painting, sculpture, and architecture from the past, acquainting art majors and others with structures, concepts by use of visual aids. Period of study from Prehistory to Gothic.

VsArt 126 Survey of World Art II **3 sem. hrs.**
New Number: 0241 211. Concentration on painting, sculpture, and architecture from the past, acquainting art majors and others with structures, concepts by use of visual aids. Period of study from Renaissance to present.

VsArt 200-201 Drawing I and II **3-3 sem. hrs.**
New Number: 0241 200-201. The strong thread of continuity in the four year undergraduate curriculum is drawing understood as an exploratory, generative, inventive, and expressive activity. Drawing of all kinds, in all media and in color is considered as the ground of most "visual thinking" and as the spring from which ideas flow. Drawing courses are required of all majors in every year.

VsArt 202-203 Two and Three Dimensional Imagemaking **3-3 sem. hrs.**
New Number: 0241 220. The development of visual ideas in painting, graphics, (printmaking), photography, and sculpture with tutorial and technical assistance.

VsArt 204-205 Painting Studio I **3-3 sem. hrs.**
New Number: 0241 230-231. The development of the sense for two-dimensional space and organization of shape and color through studio work with all painting media. Emphasis on individual development.

VsArt 216 Painting for NonArt Majors **3 sem. hrs.**
New Number: 0241 115. Students with no art background are given opportunity to draw, paint under supervision, guidance and direction. Individual talents are allowed freedom to expand. Discussions as well as exercises are important.

VsArt 221 Printmaking I **3 sem. hrs.**
New Number: 0241 240. The development of designs into prints, using various techniques such as silkscreen, photo-silkscreen, block print, etching, lithography, etc.

VsArt 222 Printmaking II **3 sem. hrs.**
New Number: 0241 241. An extension of Printmaking I, with further development into individual exploration and inventiveness.

VsArt 235-236 Ceramics I **3-3 sem. hrs.**
New Number: 0241 250-251. Concentration on design with clay. Potter's wheel important skill for beginners. Students design shapes, glaze, and fire work.

VsArt 237-238 Ceramics II **3-3 sem. hrs.**
New Number: 0241 252-253. A continuation of the work and development of Ceramics I. Exploration of form, design, and unusual techniques. The chemistry of glazes, Raku, and primitive firings.

VsArt 250-251 Metal Sculpture **3-3 sem. hrs.**
New Number: 0241 340-341. Construction and metal work. The studio teaching of add-on techniques in various materials (such as wood, plastics, metal, cloth), using soldering, welding, and cold assembly methods.

VsArt 252-253 Sculpture Studio I **3-3 sem. hrs.**
New Number: 0241 445-446. Modeling and mould-making techniques. The development of the sense for the third dimension, for sculptural form, through studio work with various materials (clay, plastic, wood, wire, etc.).

VsArt 300-301 Drawing III and IV **3-3 sem. hrs.**
New Number: 0241 300-301. A course designed to further skills of advanced art majors, working with individual professors. Problem solving when advisable.

VsArt 304-305 Painting Studio II **3-3 sem. hrs.**
New Number: 0241 232-233. Expansion of Painting Studio I methods, independent projects, advanced techniques.

VsArt 308-309 Classical Drawing **3-3 sem. hrs.**
New Number: 0241 260-261. Drawing as objective rendering of the object; figure drawing. Drawing as an art form.

VsArt 310 Art of the Child **3 sem. hrs.**
New Number: 0241 400. An examination of the form and content in children's art from age two to adolescence, as related to physical, emotional and intellectual patterns of growth. The development of an aesthetic appreciation of children's art, and the demonstration of art's significance in the general development of the child.

VsArt 332 Ancient Art **3 sem. hrs.**
New Number: 0241 405. Monuments of Egypt, Mesopotamia with speculations on religion; society related to the arts of past civilizations.

VsArt 334 Classical Art **3 sem. hrs.**
New Number: 0241 410. Trends in Roman and Greek development of style, iconography with highlights of other culture.

VsArt 336 Medieval Art **3 sem. hrs.**
New Number: 0241 415. Concentration in early Christian, romanesque and gothic periods with emphasis on architecture, sculpture, and painting as dominant areas.

VsArt 338 Renaissance Art **3 sem. hrs.**
New Number: 0241 420. Introduction to visual monuments of Italian and northern Renaissance with emphasis on continuity in great masters and developing influences.

VsArt 340 Baroque Art **3 sem. hrs.**
New Number: 0241 425. Study of architecture especially during 16th and 17th centuries with effect on other visual arts at the same time.

VsArt 342 Modern Art **3 sem. hrs.**
New Number: 0241 430. Trends from 1800 to the present with particular concern for social comments are reflected in contemporary works of art.

VsArt 344 Oriental Art **3 sem. hrs.**
New Number: 0241 435. Broad survey of art and architecture of India, China, and Japan. Attempt to relate art with far eastern attitudes, religion.

VsArt 346 American Art **3 sem. hrs.**
New Number: 0241 440. Events and styles of painting and architecture from new world with attempts to relate derivative sources from old world.

VsArt 352-353 Sculpture Studio II **3-3 sem. hrs.**
New Number: 0241 445. Expansion of Sculpture Studio II methods, independent project, advanced techniques.

VsArt 354 Art Concentration **3-3 sem. hrs.**
New Number: 0241 495. Student work toward a senior exhibition.

VsArt 390-391 Advanced Independent Study **3-3 sem. hrs.**
New Number: 0241 499. For the third and fourth year student, working independently under individual tutoring.

VsArt 398-399 Senior Show **3-3 sem. hrs.**

New Number: 0241 450. The preparation and installation of a show (if possible in a gallery) of the student's work, prior to (and required for) graduation.

VsArt 400 European Trip **4 sem. hrs.**

New Number: 0241 455. An on-the-spot survey of architecture, painting, sculpture, and other arts, ancient and contemporary, of England, continental Europe, and Scandinavian countries. The course will consist of four weeks of travel beginning in June. For more details consult Loyola Bulletin on International Studies Program. Research paper required.

SPIRITUAL LIFE

Acting Dean of Campus Ministry: Thomas Madden, S.J., Ph.D.

Loyola University is a Catholic Jesuit university. Toward this end, Campus Ministry strives for the complete integration of Catholic and Jesuit spirituality within the entire university community. This implies not only a transcultural consciousness, but also an active involvement in the academic, social, and administrative activities of the community, and a deepening awareness of the interior or contemplative life of the community. Members of this staff strive for total availability and a person-centered rather than a project-centered ministry. Campus Ministry is neither a Newman Club nor a parish, but is a department in union with the whole university.

LITURGIES

Mass is held several times each day either in one of the campus chapels or in the Most Holy Name of Jesus Church. Penance services including the Sacrament of Reconciliation, are held regularly. The direct pastoral ministry involves campus ministers and other religious in numerous
weekend and daily liturgies open to both on-campus and off-campus communities. There are other liturgies and para-liturgical services for alumni groups, fraternities and sororities, and Campus Ministry also sponsors a Pre-Cana conference.

PUBLIC SPIRITUALITY

Through silent weekend retreats, film series, a Public Spirituality Weekend, and a lecture forum, we hope to encourage the students, faculty, and staff of Loyola to search deep within themselves and get in touch with that root of our being that we share with all of humanity and from which our activity springs.

The Program in Public Spirituality is designed: 1) to bring Christians to a greater awareness of their responsibility as Christians to live out their Christianity in their daily lives; and 2) to unite all peoples of all faiths and convictions at that point where they all come together. We believe that we have much more in common in our shared concern and our human solidarity than in our unshared concepts which separate us.

LUCAP

The Loyola University Community Action Program (LUCAP), an organization within Campus Ministry, provides educational and apostolic experiences beyond the campus. Student volunteers are involved in recreational, tutorial, and rehabilitation programs for prisoners, emotionally disturbed, underprivileged, handicapped, disadvantaged, and elderly persons in one of many centers in New Orleans.

STUDENT LIFE

Student Life at Loyola is based on the philosophy that education occurs in the context of total human development. Development of the whole person involves not only the intellectual development of the student but also the moral, social, cultural, and physical development of the individual. Programs and services exist which provide opportunities for this total educational experience.

ACADEMIC COUNSELING

Each student at Loyola is assigned an academic adviser, a full-time faculty member, who will assist the student in planning his schedule, and who will discuss with him the problems he may encounter in his academic career. The student should see his adviser at least twice a semester.

COUNSELING AND CAREER DEVELOPMENT

The Counseling and Career Development Center offers, services for students wishing personal-social counseling, assistance in identifying and developing appropriate academic and career goals, and development of greater self-understanding through interest, aptitude, and ability testing. These services are provided by a well-qualified professional staff. Confidentiality of information shared between counselor and student is at all times respected.

The Counseling and Career Development Center also maintains a Career information Center where students may find up-to-date information concerning careers, job possibilities available in their major, materials to help them make decisions about long term life goals as well as current concerns.

Helping students find employment is another service of the center. Full and part-time jobs are listed in a Job Bulletin published and distributed on campus on a regular basis throughout the year. Active job placement assistance is provided for graduating seniors. This service includes on-campus recruitment by major local and national firms, a credentials file service, and helping the student develop job-seeking skills that will increase the likelihood of the student's finding an appropriate entry level position in keeping with long term career goals.

STUDENT HOUSING

Loyola operates two residence halls on campus, Biever Hall for men and graduate women and Buddig Hall for undergraduate women. Both residences were designed for and primarily house undergraduate students. There are no accommodations for married students on campus.

Biever Hall is a six story residence with a capacity of housing 410 residents. One wing is reserved for male law/graduate students; a separate wing is reserved for female law/graduate students. Biever is centrally heated and air conditioned. All rooms are for double occupancy

and are furnished with two closets, two single beds, two chests of drawers, two desks, and a telephone. When space permits, double rooms may be occupied as singles for an extra semester charge. These single rooms are assigned to upperclassmen who have resided in campus housing during the previous semester. Mail boxes, laundry facilities, study lounges, recreation and television rooms are located within the residence hall. Jesuit priests, living on each floor, are available for counseling.

Buddig Hall is a twelve story residence with a capacity of accommodating 429 undergraduate women. Each suite houses four students in double rooms with a shared bath and individual heating and air-conditioning controls. Each room is furnished with basin vanities, two single beds, two desks, two closets, two chests of drawers, a bulletin board, and a telephone. A limited number of private rooms with baths are available. These single rooms are assigned to upperclasswomen who have previously resided in the hall. Study rooms, laundry facilities, recreation rooms, mail boxes, and a community kitchen are located within the residence hall. Three women religious reside in Buddig hall and are available for counseling.

Residents of both residence halls are subject to the housing policies which are promulgated in the *Student Handbook*. Trained personnel are provided in both halls to aid students in achieving personal and educational goals. Full-time professional resident directors are responsible for the total operation of each hall. Resident assistants, located on each floor, help provide a well-balanced social and educational atmosphere. Both halls have live-in resident counselors who are Jesuit priests, Catholic sisters or lay individuals who have training and experience in the areas of human need and development.

All freshmen undergraduate students not from the New Orleans metropolitan areas are required, as a condition of enrollment, to reside in university housing. Advanced placement credits do not negate this requirement. New Orleans undergraduate freshmen must either reside in university housing, if space permits, or with parents or legal guardian. Out-of-town undergraduate students will receive housing information with the letter of acceptance. Housing may be made available to New Orleans undergraduate students, but it is their responsibility to contact the Housing Office and request that information be sent them in order to be considered for space in the residence halls. Reservations for all students are confirmed only after receipt of a signed contract, a $50 housing deposit which is not refundable in the event the student cancels, and verification of adequate accident-sickness coverage. The housing contract is for both fall and spring semesters.

STUDENT HEALTH SERVICE

Loyola's health service is for both resident and nonresident, full-time and part-time students who have provided the health service with a completed medical history form. The health service is directed by a medical doctor and is staffed by a registered nurse, Monday thru Friday from 8:30 a.m. to 4:45 p.m. Four days a week, a physician is available during designated hours to see students. Emergency evening care is under the super-

vision of a licensed practical nurse who resides on campus. Evening, weekend, and holiday emergency medical assistance is available from trained student health assistants who reside in Biever and Buddig Halls. Treatment by health center personnel is provided at no charge to the student. Medicines, referrals to off-campus medical specialists, laboratory tests, and hospitalization are at the student's expense. All services provided and communications with medical personnel are confidential as dictated by the medical code of ethics.

For good cause, the university may require a physical or psychiatric examination while a student is in attendance. Results of these examinations may be used to determine a student's suitability to continue in attendance at the university.

HEALTH INSURANCE

The university sponsored health insurance program covering sickness and accident is strongly recommended for all students, especially those students who are from out-of-town. Health insurance is a requirement for all resident students whose permanent place of residence is outside the continental United States. The group plan covers a student for 12 months for a yearly premium. Plans for married students and their families are also available. Information and premium rates are sent to all students each summer by the insurance company. Those failing to receive health insurance information by mail may get details on it, from the Student Health Service.

IDENTIFICATION CARDS

Picture identification cards are made during the registration period. At other times, they may be obtained in the Campus Security office. The cards are used for admittance to Recreation Center campus events, sometimes free or at reduced rates, and for other activities. They are required for use of campus library facilities.

Students must obtain these Loyola identification cards and have them on their persons at all times to present to university officials on demand. Loan of the card to anyone is prohibited. Use of another's card subjects the user, and the loaner, to a fine and/or disciplinary action. Lost or stolen cards must be replaced. They should be reported immediately to the Campus Security office. There is a $3 charge for replacement cards. I.D. cards are to be used for the full term of enrollment at Loyola. Cards need to be validated at the beginning of each semester.

STUDENT ACTIVITIES

The activities program and the student organizations, which form an integral part of this program, constitutes one of the best opportunities for students to achieve educational relevance in leisure time activities. Through participation in campus activities students are provided with the opportunity to integrate the experiences of the classroom with everyday experiences of living and working in a society of people of varied interests, ideas, and values. The student activities program is therefore con-

sidered an extension of the classroom and hence an important part of the total educational program of the university.

There are approximately 77 student organizations recognized and active on the Loyola campus. They are classified in the following categories: club sports, social fraternities, honorary fraternities and organizations, professional and academic societies, religious organizations, service organizations, social sororities, special interest organizations, and student communications media. A complete listing of all recognized organizations is contained in the *Student Handbook.*

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association consists of elected members representing the four undergraduate colleges and the School of Law. The SGA acts as the voice of the student body to the university. Through this body, students act as members on most of the university committees in an effort to insure imput in areas of student concern. The SGA sponsors programs and services as well as funding student organizations of the university. Meetings of the SGA are held once a week and are open to all students and members of the university community.

UNIVERSITY CENTER AND THE LOYOLA UNION

As a primary part of the educational process, the Danna Center and the Loyola Union play an important role, acting as a foundation for the development of positive and progressive student participation.

The center serves the various campus needs of students, functioning as a unifying force where students as well as other members of the university community, may come together and interact with a sense of unity.

It is a place where students may discover and develop fellowship and common bonds of interest with other individuals and groups. Through both formal and informal activities, and through the process of working together to achieve common ends, students, faculty, and administrators may develop better communications, respect, and an appreciation for each other as individuals.

It is with these principles in mind that the Center Programming Board commonly referred to as the Loyola Union has established the following objectives in cooperation with the Association of College Unions-International: to be a campus center where all members of the university community can meet formally and informally, to provide services and facilities to the university community, to complement the educational goals of the university, providing cultural, social and recreational programs, and to maintain the center as an open forum where all sides of issues can be aired.

RECREATION AND INTRAMURAL SPORTS

The Recreation and Intramural Sports program offers a comprehensive sports program, which provides students with opportunities for self-directed recreation, competitive sports, and leisure time activities in some form of physical exercise. The program of activities is designed to provide every student, regardless of ability, the occasion to participate in

the program. The university also cooperates in the sponsorship of several club sports which compete with other universities and athletic organizations.

The Loyola Recreational Center consists of four multi-purpose courts used for tennis; basketball and other activities; four handball/racquetball courts; a gymnastic area; weight room; and locker room facilities.

INTERNATIONAL STUDENT AFFAIRS

The Office of International Student Affairs is the center for information and assistance for all international students on campus. International students include students with F-1 or J-1 visas, students who are not citizens of the United States, students whose first language is not English, and students who do not reside within the continental United States.

All immigration matters are administered through this office. The director facilitates the adjustment of international students to university life and helps them with cultural, language, academic and personal matters. The director maintains liaison with the university administration relative to the special needs and interests of international students. Through a wide variety of programming, interaction is initiated not only among the international students themselves but also among the internationals and the university community at large so that an exchange of cultural values may take place.

The director serves as advisor to the International Student Association, a social and cultural organization. In addition, a file is maintained of study abroad materials for all Loyola students interested in studying in another country.

CAMPUS SECURITY

Campus Security provides routine security services to the campus on a 24 hour a day basis, throughout the year. In addition to these services, Campus Security provides for the registration of vehicles, the free registration of bicycles, the free use of engravers for marking of property, and the central location for all lost and found on the campus. Additionally, the Security office conducts various awareness campaigns to prevent losses and informs the community of any problems which may arise. In addition to these routine services, Campus Security will attempt to assist the campus community in any problems which they may have.

OFFICIAL UNIVERSITY PUBLICATIONS

UNDERGRADUATE BULLETIN — This publication contains academic information on undergraduate programs. Published annually and available in the Office of Admissions.

GRADUATE BULLETIN — This publication contains academic information on graduate programs. Published every two years and obtainable in the Office of Admissions.

LAW SCHOOL BULLETIN — This publication contains academic information on the School of Law. Published annually and obtainable in the Law School Admissions Office.

STUDENT HANDBOOK — This publication contains information on the nonacademic aspects of campus life. Policy on student activities, organizations, and conduct are outlined therein. Published annually and distributed during registration. Available from the Student Affairs Office at other times.

COURSE SCHEDULE — This publication lists the course number, department, section, and title in addition to the semester hours, room number, time and day offered, and the instructor. All courses taught at schools in the New Orleans Consortium are listed. Published prior to the fall and spring semesters to aid in preparing schedules for preregistration and registration. Available in the Registrar's Office.

SUMMER SESSION BULLETIN AND SCHEDULE — This publication gives information on the summer sessions including all information on courses and their scheduled times and places. Published in March and available from the Admissions Office.

Students are responsible for securing copies of official university publications which pertain to them and for knowledge and adherence to the policies, regulations, and procedures published therein.

ADMINISTRATORS AND FACULTY

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Rev. Carl M. Reinert, S.J.
Rev. Robert F. Weiss, S.J.
Rev. Victor R. Yanitelli

UNIVERSITY ADMINISTRATION

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Assistant to the President for Government Relations ..... Rev. John Keller, S.J., M.S.[1]
Assistant to the President ..... Rev. Daniel W. Partridge, S.J., B.A.
Advanced Institutional Development Program ..... Norman Roussell, Ed.D., *Director*
Planning, Management and Evaluation ..... John F. Sears, M.B.A., *Director*

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Assistant Dean ..... Rev. Leo A. Nicoll, S.J., Ph.D.
Common Curriculum ..... Richard E. Johnson, Ph.D., *Director*
College of Business Administration ..... Joseph M. Bonin, Ph.D., *Dean*
Assistant Dean ..... James R. Ramsey, Ph.D.
City College ..... Walter S. Maestri, M.A., *Dean*
Assistant Dean ..... Willie M. Zanders, J.D.
Catechetical and Pastoral Institute ..... Rev. Maurice L. Monette, O.M.I., *Director*
Women's Center ..... Carol D. Mawson, M.A., Director
College of Music ..... David Swanzy, Ph.D., *Dean*
Assistant Dean ..... Patrick McCarty, Ph.D.

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[1] On leave as president of the Louisiana Association of Independent Colleges and Universities.

School of Law ..... Marcel Garsaud, LL.M., *Dean*
Associate Dean ..... John J. McAulay, LL.M.
Campus Ministry ..... Thomas Madden, S.J., Ph.D., *Acting Dean*
Graduate Studies and Research ..... John F. Christman, Ph.D., *Director*
Academic Services ..... James A. Duplass, Ph.D., *Acting Director*
SCOPE ..... Sterling Cincore, M.A., *Director*
Student Records ..... Cheryl T. Sears, B.S.S., *Director*
Institute of Human Relations ..... Rev. David A. Boileau, Ph.D., *Director*
Library ..... Joanne R. Euster, M.L.S., *Director*
Upward Bound ..... Mattie M. Stone, M.Ed., *Director*

STUDENT AFFAIRS

Vice President for Student Affairs ..... Vincent P. Knipfing, M.A.
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THE STORY OF LOYOLA UNIVERSITY

The Jesuits were among the earliest settlers of New Orleans and Louisiana. A Jesuit chaplain accompanied Iberville on his second expedition. The fathers are credited with introducing the growing of sugar cane to Louisiana, paving the way for one of the state's prime industries. They probably brought this from their West Indies farms and planted it on the plantation they bought from former Governor Bienville in 1725. This tract, used by the Fathers as a staging area or supply base for their activities in ministering to the needs of settlers and Indians in the up-country, was located "across the common" (now Canal Street), running along the river to about Jackson Ave. When the Jesuit order was banned from the French colonies in 1763, the land was sold at public auction.

The city's leaders, including Bienville, had long hoped for a Jesuit college. After the Jesuit order was restored, the Bishop of New Orleans implored the Jesuits in France to come to the city. In 1837 seven Jesuit priests arrived. After weighing several sites, they decided that Grand Coteau, in St. Landry Parish, was a better site for their boarding college than the fever-ridden city.

Meanwhile, New Orleans continued its dramatic growth, despite yellow fever. The desire for a Jesuit college here intensified in both the citizens and the fathers. In 1847 the priests bought a small piece of the same land they owned nearly a century before and in 1849 the College of the Immaculate Conception opened its doors at the corner of Baronne and Common Streets.

This college became a well established and beloved institution. As the city grew, however, it became obvious to Rev. John O'Shanahan, S.J., superior general of the province, that the downtown area would become too congested for a college. He began looking for a suburban site.

The Cotton Centennial Exposition in 1884 had given impetus to the development of the uptown section of the city, especially around Audubon Park. This area was reached by the New Orleans and Carrollton Railroad which ran from Lee Circle to the City of Carrollton on the present roadbed of the St. Charles streetcar line. Father O'Shanahan learned that a large site directly across from the park was available. This was the site of the Foucher Plantation, owned by Paul Foucher, son of a New Orleans mayor and son-in-law of Etienne de Bore, famed as the granulator of sugar from cane syrup.

The entire Foucher site was offered to Father O'Shanahan for the sum of $75,500. It included the land now occupied by Loyola and Tulane universities, Sophie Newcomb College, and Audubon Place. The priest's advisors dissuaded him from purchasing this lest the acquisition of such a large tract bring on the charge of commercialism. He acceded, but said later he wished he had not since he could have within 10 days sold enough of the property "to pay for the entire tract I bought and to put aside a sinking fund for the education of our young men."

The section of the Foucher estate Father O'Shanahan bought in 1886 fronted on St. Charles and ran approximately to the Claiborne canal. It was purchased with the assistance of Chief Justice Edward Douglass White, a Jesuit alumnus, and the Brousseau family.

The price was $22,500, paid in three installments at six percent interest. On the day the act was signed, the fathers were offered $7,500 more for the property.

In May, 1890 the parish of Most Holy Name of Jesus was established for the area. Rev. John Downey, S.J., was the first pastor. A frame church, known affectionately among Orleanians as "little Jesuits," was built and Mass was celebrated in it in May, 1892.

In 1904, the long-planned Loyola College, together with a preparatory academy, opened its doors. First classes were held in a residence located to the rear of the church on what is now Marquette Place. First president was the Rev. Albert Biever, S.J., who was appointed by the provincial, Rev. William Power, S.J.

The college grew steadily. Father Biever promised and did give a holiday when the student body reached 50. In 1907 Father Biever called a meeting of prominent Catholic laymen to plan for a new building. Acting chairman was W. E. Claiborne. Out of his group grew the Marquette Association for Higher Education with B.A. Oxnard as chairman. This group, with the assistance of its ladies auxiliary, was responsible for the building in 1910 of Marquette Hall, queen of Loyola's buildings and centerpiece of its campus horseshoe.

Strongly encouraged by Archbishop Blenk and prominent New Orleanians, the Jesuits and the Marquette Association had several years previously begun to make plans for expansion to a university.

In 1911 the Jesuit schools in New Orleans were reorganized. Immaculate Conception College became exclusively a college preparatory school and was given the preparatory students of Loyola College. The downtown institution relinquished its higher departments — what are now known as college programs — to Loyola, which was in the process of becoming a university.

On May 28, 1912, a bill was introduced in the Louisiana Senate by Senator William H. Byrnes, Jr. of Orleans Parish which proposed to grant a university charter to Loyola. It was passed unanimously and sent to the State House of Representatives. There was some backstage opposition and Father Biever, fearing a fatal snag, made an impassioned speech to the house. The bill passed and on July 10, 1912, the governor signed the act authorizing Loyola to grant university degrees.

Under the direction of the dynamic Father Biever and with the advice and financial support of New Orleans citizens, the new university grew dramatically. Thomas Hall, residence for the fathers, was dedicated in 1912. The new church known as the McDermott Memorial, with its soaring tower arose in 1913.

In that year also the New Orleans College of Pharmacy, incorporated in 1900 by its founder, Dr. Philip Asher, chose to affiliate with Loyola. In 1919 the college merged completely with the university. The college was discontinued in 1965.

The School of Dentistry was organized in 1914 with Dr. C. Victor Vignes as first dean. First classes were held in Marquette Hall. The school was transferred to Bobet Hall when that building was completed in 1924. The college was phased out between 1968 and 1971 and picked up a class a year by the Louisiana State University Medical Center.

The School of Law was also established in 1914 with Judge John St. Paul as founding dean. First classes were held at night in Alumni Hall near the College of Immaculate Conception. However, after the first year they were moved to the new university. In 1973 the Law School moved into an ultra-modern building specifically designed for that purpose.

Dr. Ernest Schuyten had founded the New Orleans Conservatory of Music and Dramatic Art in 1919. It was first located at Felicity and Coliseum Streets, and later moved to Jackson Ave. and Carondelet St. It was incorporated into Loyola University in 1932 as the College of Music. The next year it moved to its present home on campus with Dr. Schuyten as dean.

From 1926 to 1947 a four year degree program leading to a bachelor of science degree in economics was offered by the College of Arts and Sciences. In 1947 the department of commerce of A & S expanded into the full-fledged College of Business Administration granting a bachelor of business administration degree. The college moved into Stallings Hall, its present home, shortly thereafter. Dr. John V. Conner was the first dean. In 1950 the college was admitted to associate membership in the American Assembly of Collegiate Schools of Business, and in 1957 the college was admitted to full membership.

The university thus has a colorful and distinguished history marked by the zeal and scholarship of the Jesuit fathers and the valued advice and support of leading citizens of New Orleans. Hundreds of the city's top leaders received their education from the Jesuits at Loyola University, or its predecessor, the College of the Immaculate Conception. Teachers, scientists, attorneys, pharmacists, musicians, and business executives call Loyola their alma mater.

Loyola has a colorful sports history. The doubledecker stadium on Freret St. was the scene of exciting football games, including the first collegiate night game in the south. Olympic and national champions have worn the maroon and gold. Intercollegiate athletics was discontinued in 1972.

Loyola in 1964 completed major physical plant expansion with the dedication of three new buildings, a 404-student men's residence hall, a university center named "Dr. Joseph A. Danna Student Center," and a central heating cooling plant. In 1967 Buddig Hall, a 412-student women's residence, was dedicated.

In 1969, the university completed the largest academic structure in its history, the 180,000 square feet Science Complex. This impressive structure houses science oriented departments.

Today Loyola is the largest Catholic university south of St. Louis in an area extending from Arizona to Florida. It is open to students of all faiths.

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Fordham University, New York
Lemoyne College, Syracuse

OHIO
John Carroll University, Cleveland
The Xavier University, Cincinnati

PENNSYLVANIA
Saint Joseph's College, Philadelphia
University of Scranton, Scranton

WASHINGTON
Gonzaga University, Spokane
Seattle University, Seattle

WEST VIRGINIA
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WISCONSIN
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ACADEMIC CALENDAR

FOR UNDERGRADUATE STUDENTS

FALL SEMESTER 1979

August

23	Thursday	New students arrive
24-28	Friday-Tuesday	Orientation for new undergraduate students
27	Monday	Registration for City College students
28	Tuesday	Registration for undergraduate day students
29	Wednesday	Classes begin for undergraduate students
30-31	Thursday-Friday	Late registration
30-31	Thursday-Friday	Period to add courses, drop courses, change to full-time status, change to audit, and change to pass-fail

September

3	Monday	Labor day holiday
4-5	Tuesday-Wednesday	Period to add courses continues
13	Thursday	Mass of the Holy Spirit (11am)

October

8	Monday	Octoberfest holiday
9-17	Tuesday-Wednesday	Mid-term period
19	Friday	Mid-term appraisals for undergraduates due
19	Friday	Last day to apply for graduation in May 1980
31	Wednesday	Last day to officially withdraw from a course

November

1	Wednesday	All Saint's Day holiday
21	Wednesday	Thanksgiving holidays begin for undergraduate students
26	Monday	Classes resume
26-30	Monday-Friday	Early registration for Spring 1980

December

11	Tuesday	Last day of City College classes
12-20	Wednesday-Thursday	City College examinations
12	Wednesday	Last day of daytime classes
13	Thursday	Quiet Day holiday for day students
14-20	Friday-Thursday	Final examinations for students in day classes
26	Wednesday	Final grades from faculty due in dean's office

SPRING SEMESTER 1980

January

16	Wednesday	New students arrive
17	Thursday	Orientation for new undergraduate students
17	Thursday	Registration for City College students
18	Friday	Registration for undergraduate day students
21	Monday	Classes begin
21-22	Monday-Tuesday	Late registration
21-25	Monday-Friday	Period to add courses, drop courses, change to full-time status, change to audit, and change to pass-fail

February

18-20	Monday-Wednesday	Mardi Gras holidays

March

11-18	Tuesday-Tuesday	Mid-term period
20	Thursday	Mid-term appraisals for undergraduates due
31	Monday	Last day to officially withdraw from a course

April

2	Wednesday	Easter holidays begin for undergraduate students
8	Tuesday	Classes resume
21-25	Monday-Friday	Early registration for summer session and fall semester 1980

May

5-13	Monday-Saturday	City College examinations
7	Wednesday	Last day of daytime classes
8	Thursday	Quiet Day (day students only)
9-15	Friday-Thursday	Final examinations for students in day classes
14	Wednesday	Graduating seniors grades due
19	Monday	Baccalaureate Mass
20	Tuesday	Commencement for A&S, Business Administration, City College, Music, and Graduate students
26	Monday	Final grades from faculty due in dean's office

UNDERGRADUATE STUDIES

LOYOLA UNIVERSITY
NEW ORLEANS, LOUISIANA

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